PRODUCT CATALOG

VC®

VERTICAL CABLE

Vertical Cable is Your END-TO-END NETWORK SOLUTION

ETL VERIFIED SOLUTION:
Category Cables + Patch Cords +
Keystone Jacks + Patch Panels

25-YEAR WARRANTY &
LIFETIME WARRANTY *for connectivity**

This SOLUTION met the strict testing and certification requirements of the ETL Verified program.
Check with Your Account manager on which products have a Lifetime Warranty.

25 YEAR LIMITED WARRANTY

Vertical Cable is Known for superior quality & Recommended by Installers all over the country

Celebrating 30 Years of Quality and Trust in 2019
Company Timeline

July, 1989
Chiptech, Inc. Opened as a computer manufacturer

Nov, 2006
Converted to distribution company and took on name of Vertical Cable with facilities in CA and FL

April, 2013
Manufacturing Plant opened in Bonham, Texas.

June, 2013
National Sales office established in New York

Mike SATTARZADEH
President

VERTICAL CABLE
Simply Connect.

Vertical Cable has been a leader in the manufacture and supply of bulk low voltage cable, connectivity products, and accessories since 2006.

We stand behind our products and maintain industry standards to ensure 100% customer satisfaction. Our mission is to provide products and services meeting the ever-changing needs of our clients.

Desde 2006, Vertical Cable es líder en la fabricación y suministro de cables de baja tensión, productos de conectividad y accesorios.

Respaldamos nuestros productos y mantenemos los estándares de la industria para garantizar la satisfacción del cliente al 100%. Nuestra misión es proporcionar productos y servicios que satisfagan las necesidades de nuestros clientes.

Vertical Cable Headquarters, FL

LOCATIONS

Vertical Cable has multiple stocking locations across the USA. The West Coast location in Temecula, CA, services customers as far as Central USA and Alaska. The North East location in New Windsor, NY, services customers from Canada and the East coast, to Central USA. Finally, the Southern Fort Lauderdale location services as far as South America and the Caribbean. Corporate Headquarters are located in Fort Lauderdale, FL.

FLORIDA

Headquarters
2885 SW 30th Ave
Pembroke Park, FL 33009
Business Hours:
Monday - Friday 7:30 AM - 5:00 PM (EST)
Product Information and Sales:
Sales Inquiries: fl-sales@verticalcable.com
800.749.2447 phone
954.454.2167 fax

Se Habla Español
(pregunta por un representante en español)

NEW YORK

Address:
1073 Route 94, Unit 1
New Windsor, NY 12553
Business Hours:
Monday - Friday 8:30 AM - 5:30 PM (EST)
Product Information and Sales:
Sales Inquiries: ny-sales@verticalcable.com
845.391.8318 phone
845.391.8478 fax

CALIFORNIA

Address:
42600 Rio Nedo
Temecula, CA 92590
Business Hours:
Monday - Friday 8:00 AM - 5:00 PM (PST)
Product Information and Sales:
Sales Inquiries: sales@verticalcable.com
951.696.7772 phone
951.696.2227 fax

Se Habla Español
(pregunta por un representante en español)

ABOUT US

Vertical Cable is a leading Manufacturer and Distributor of bulk low voltage cable and connectivity products. Vertical Cable is known for superior quality products, fast delivery, efficient and friendly customer service & customer satisfaction.

Products
Vertical Cable maintains, and constantly updates a high-performing and cost effective product line. We follow strict quality control procedures.

Certifications and Standards
Our products are inspected and tested to comply with strict FCC, TIA, ETL and UL Standards. Standards maintained include: UL, c(UL), ETL, ETL C/US, c(ETL), TAA, TIA/EIA and ISO 9001:2008 certifications and standards. Vertical Cable is a proud member of BICSI, CEDIA.

Vertical Cable is a proud Member of AiN GROUP.

Warranty
At Vertical Cable, we stand behind our products and offer the best support to our customers. We have one of the best Warranty Programs in the industry – with our 15 Year out of the box Warranty for Category-rated products, and our 25 Year System Solution Warranty.

Vertical Cable is a Member of the HDBaseT Alliance
In 2014 Vertical Cable proudly joined the HDBaseT Alliance. HDBaseT is the best available standard for the recent ultra-HD 4K technologies and Power over Ethernet (PoE). Vertical Cable strives to have the latest technology, which allows us to educate our customers to the most current standards. From our quality products to our customer service, we assure you the best customer care. Most of Vertical Cable Category cables now support HDBaseT specifications. Look for the logo next to the product listing.

TABLE OF CONTENT

YOU KNOW ABOUT SUPERIOR QUALITY OF OUR CABLE. TRY VERTICAL CABLE CONNECTIVITY PRODUCTS! 8,000 SKU's.

MEET THE CATs

	CAT3	CAT5E	CAT6	CAT6A
Phone Lines	Yes	Yes	Yes	-
Home Network	-	Yes	Yes	-
Office Network	-	Yes	Yes	Yes
Data Center	-	-	-	Yes
Max. Data Transmission Speed	10 Mbps	10/100/1000 Mbps	10/100/1000 Mbps	10,000 Mbps
Time to Transfer 1 Terrabyte	-	3 Hours	3 Hours	20 Minutes
Data Transmission	-	1000 BASE-T	1000 BASE-TX	10GBASE-T
Frequency Rage Minimum	0 - 16 MHz	0 - 100 MHz	0 - 250 MHz	0 - 500 MHz
Frequency Maximum	16 MHz	350 MHz	550 MHz	750 MHz

CHOOSING THE RIGHT CABLE
With project deadlines, cost, and the many variations of cable, we want to best assist you in choosing the best option for your needs.

ANATOMY OF THE CABLE
To the naked eye, the anatomy of the different cables does not significantly differ between categories, though each can be identified by the text printed along the length of the cable. The major differences are found in the shielding and how tight the wire pairs are twisted.

The reason why copper cables are twisted as pairs, is because the twisting of two wires would help contain the electromagnetic field that would be created as a result of electrical signals passing through the wires.

TYPES OF INSTALLATIONS
CATEGORY 3 – Voice only
CATEGORY 5E – Voice and/or Data or Video (Residential)
CATEGORY 6 – Data or Video (Commercial/Education)
CATEGORY 6A – Data 10 GHz (Education/High Data Traffic facility)

UTP AND F/UTP
UTP: Unshielded Twisted Pair
Four pairs of two insulated copper wires twisted around each other to reduce crosstalk or electromagnetic induction between the pairs. No metallic foil or braid is present.

F/UTP: Foil Over Unshielded Twisted Pair
Four pairs of two insulated copper wires twisted around each other to reduce crosstalk or electromagnetic induction between the pairs with an overall metallic foil wrapped around the pairs.

WHAT IS POWER OVER ETHERNET?
Power over Ethernet (PoE) is a technology that lets network cables carry electrical power.

For example, a digital security camera normally requires two connections to be made when it is installed:
• A network connection, in order to be able to communicate with video recording and display equipment.
• A power connection, to deliver the electrical power the camera needs to operate.

Network cables, such as CAT5E and CAT6, comprise eight wires arranged as four twisted pairs. In 10/100BASE-T Ethernet, two of these pairs are used for sending information, and these are known as the data pairs. The other two pairs are unused and are referred to as the spare pairs (Gigabit Ethernet uses all four pairs).
Devices that use Power over Ethernet: VoIP phones (the original PoE application), IP Cameras, Wireless.

CATEGORY 5E CABLE

Type / Category		CAT5E
CMP UTP Plenum	156 Series - ETL - Made in USA	○ ● ● ● ● ● ● ● ● ●
CMP UTP Plenum	157 Series - UL - Made in USA 056 Series - TAA Compliant	○ ● ● ● ● ● ● ● ● ●
CMR UTP Riser	151 Series - TAA Compliant 054 Series	○ ● ● ● ● ● ● ● ● ●
Multipair CM (UTP), CMR (F/UTP)	054, 057 Series 25, 50 Pair	○ ● ●
Stranded UTP (more flexible)	058 Series	○ ● ● ● ● ● ● ● ●
CMP F/UTP Plenum	057 Series - UL - TAA Compliant	○ ● ● ● ● ●
CMR F/UTP Riser	057 Series	○ ● ● ● ● ● ●
Outdoor CMX With messenger	059 Series	● ○ ●
Direct Burial Gel flooded core (CMXF) Dual Jacket (CMXT) Dual Jacket	059 Series	●

NO SNAGS

VIBRANT COLORING

STRONG BOX

Short lengths available CAT5E CMP UTP, CAT6 CMP UTP
Pre-cut lengths 500-950 FT

Limited quantity

High performance cable
Multiple colors
Made in USA

VC VERTICAL CABLE

WE'VE GOT COLOR

MADE IN USA

CAT6 & CAT5E CMP UTP

High-Performance Cable.
Superior Quality.
Any Color*.

Order in white, black, yellow, red, blue, orange, gray, green, purple & pink. *Custom colors available.

cETLus Intertek · cULus LISTED · MADE IN USA

CAT5E Cable ▶ CAT5E Plenum

CAT5E Solid CMP Plenum Rated (UTP) - ETL-Listed - Made in USA

Vertical Cable offers a complete line of CAT5E 350MHz cable produced domestically in the USA. Our CMP cables pass all appropriate fire ratings for approved use in air-handling such as drop ceilings and air-vents, Vertical Cable USA Made plenum cable is designed to meet rigorous fire safety standards.
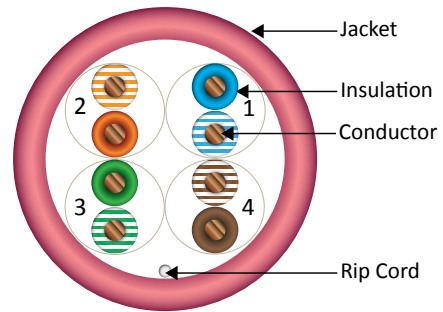

Jacket
Insulation
Conductor
Rip Cord
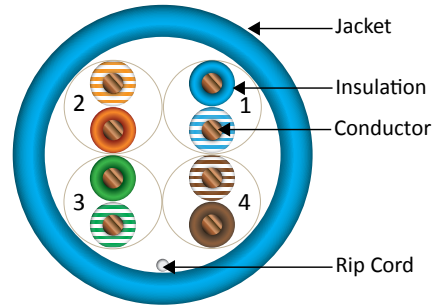
Item #	Description	
156-200/P/BK	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black	●
156-201/P/BL	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue	●
156-202/P/GR	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green	●
156-203/P/GY	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray	●
156-204/P/OR	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange	●
156-205/P/PK	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink	●
156-206/P/PR	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple	●
156-207/P/RD	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red	●
156-208/P/WH	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White	○
156-209/P/YL	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow	●

Features:

- High-Performance Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 24AWG Solid Bare Copper Conductors
- Exceeds TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- ETL Verified, ETL Listed, RoHS Compliant
- MADE IN USA

ETL Listed Intertek
RoHS

CAT5E Solid CMP Plenum Rated (UTP) - UL-Listed - Made in USA

Jacket
Insulation
Conductor
Rip Cord

Item #	Description	
157-300/P/BK	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black	●
157-301/P/BL	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue	●
157-302/P/GR	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green	●
157-303/P/GY	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray	●
157-304/P/OR	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange	●
157-305/P/PK	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink	●
157-306/P/PR	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple	●
157-307/P/RD	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red	●
157-308/P/WH	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White	○
157-309/P/YL	CAT5E 350MHz Cable, MADE IN USA, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow	●

UL LISTED
RoHS

Add these items:

Keystone Jacks 351 Series

Plugs 011/012 Series

Slip-on Boots 015 Series

CAT5E Solid Plenum (UTP)   **HDBT™**

CAT5E 350MHz Plenum Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings that conceal return air vents in office buildings. Vertical Cable Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas. This CAT5E Plenum cable is UL Listed.
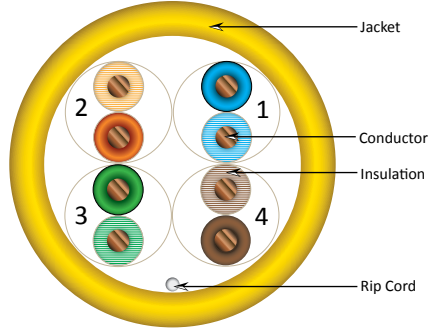
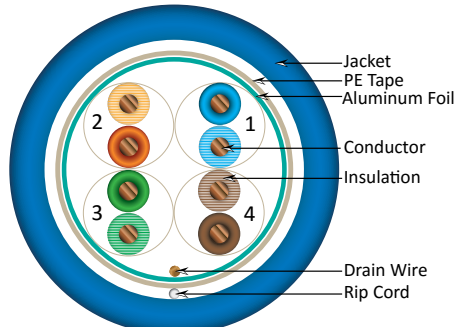| Item #	Description	
056-460/P/BK	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black	●
056-461/P/BL	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue	●
056-462/P/GR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green	●
056-463/P/GY	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray	●
056-468/P/OR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange	●
056-469/P/PK	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink	●
056-465/P/PR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple	●
056-464/P/RD	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red	●
056-466/P/WH	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White	○
056-467/P/YL	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow	●

Features:
- High-Performance Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 24AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- ETL Verified, UL Listed, RoHS Compliant

c(UL)us LISTED   c(ETL)us Intertek

(TAA) COMPLIANT   RoHS

CAT5E Solid Plenum (F/UTP)

CAT5E 350MHz Plenum Shielded Cable is made from flame retardant materials. Vertical Cable Plenum cables provide solutions for fire prone areas and adhere to stringent fire safety standards. The shield protects the signal from electromagnetic interference (EMI). EMI is caused by electrical circuits present around the cable from objects such as elevators, power lines, electric motors, fluorescent lights, thermostats, air conditioners or microwaves.
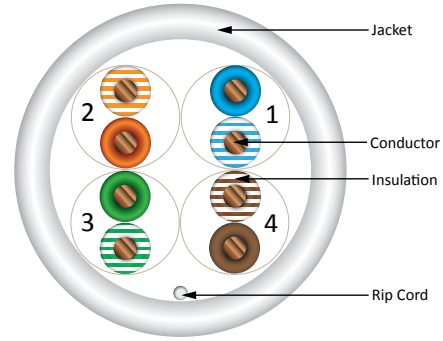
Item #	Description	
057-479/S/P/BL	CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs,1000ft, Pull Box, TAA Compliant, UL & ETL Listed, Blue	●
057-480/S/P/GY	CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs,1000ft, Pull Box, TAA Compliant, UL & ETL Listed, Gray	●
057-481/S/P/WH	CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs,1000ft, Pull Box, TAA Compliant, UL & ETL Listed, White	○
057-482/S/P/BK	CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs,1000ft, Pull Box, TAA Compliant, UL & ETL Listed, Black	●
057-483/S/P/GR	CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs,1000ft, Pull Box, TAA Compliant, UL & ETL Listed, Green	●
057-484/S/P/YL	CAT5E 350MHz Cable, Plenum/Shielded, 24AWG, F/UTP, 4 Pairs,1000ft, Pull Box, TAA Compliant, UL & ETL Listed, Yellow	●

Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Solid, with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- CMP Rated
- UL Listed, RoHS Compliant (and/or TAA Compliant)
- 1000ft Pull Box

c(UL)us LISTED   RoHS

CAT5E Solid (UTP) - TAA Compliant

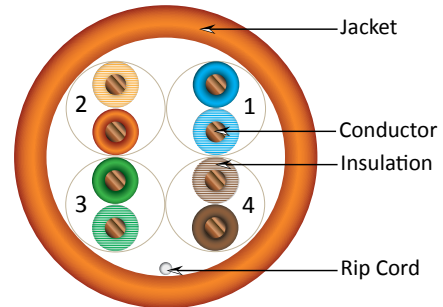| Item #	Description	
151-101/BK	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Black	●
151-102/BL	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Blue	●
151-103/GR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Green	●
151-104/GY	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Gray	●
151-105/OR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Orange	●
151-106/PK	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Pink	●
151-107/PR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Purple	●
151-108/RD	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Red	●
151-109/WH	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, White	○
151-110/YL	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Yellow	●

Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568 C.2, ISO/IEC 11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant, TAA Compliant
- 1000ft Pull Box

CAT5E Solid (UTP) HDBT™

CAT5E 350MHz Bulk Cable is the industry standard for data communication applications: structured cabling and computer networks as well as Ethernet. Compared to CAT3 Cable, CAT5E has more twists, which allows for less internal interference and better signal quality. In addition, the CAT5E allows faster networking and longer cable runs. Fully supports HDBaseT specifications.

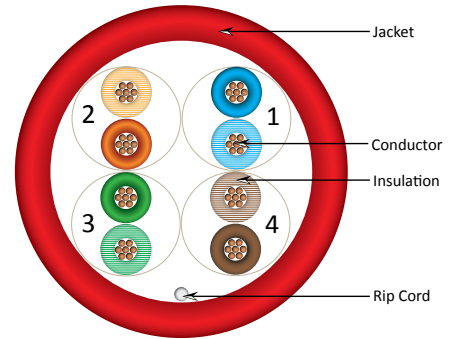| Item #	Description	
054-444BK	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Black	●
054-445BL	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Blue	●
054-447GY	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Gray	●
054-446GR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Green	●
054-2392OR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Orange	●
054-2393/PK	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Pink	●
054-448PR	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Purple	●
054-449RD	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Red	●
054-450WH	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, White	○
054-451YL	CAT5E 350MHz Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Yellow	●

Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568 C.2, ISO/IEC 11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

CAT5E Cable ► CAT5E

CAT5E Stranded (UTP)

CAT5E 350MHz Stranded Cable is more pliable than its CAT5E Solid counterpart, and is the best cable to use for shorter-distance jobs or movable cabling. As always, Vertical Cable CAT5E Stranded meets and exceeds TIA/EIA-568C.2 standards.

Labels: Jacket, Conductor, Insulation, Rip Cord

Item #	Description	
058-476/ST/BK	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Black	●
058-477/ST/BL	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Blue	●
058-479/ST/GY	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Gray	●
058-478/ST/GR	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Green	●
058-1936/ST/OR	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Orange	●
058-481/ST/RD	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Red	●
058-482/ST/WH	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, White	○
058-483/ST/YL	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Yellow	●
058-480/ST/PR	CAT5E 350MHz, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Purple	●

Features:

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Stranded Copper Conductors
- Exceeds ANSI/TIA 568 C.2
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

c ETL us Listed Intertek   RoHS

With Cat5E Cables Our Customers usually buy these products:

048-122/20 J Hook

351 Series Keystone Jack

039-362IV Surface Mount Boxes


045-V34/75BK Velcro Tie Wrap

047-WBP-2000 Brush Type Panel

047-WVM-2010 Vertical Cable Manager

CAT5E Cable ▶ CAT5E

CAT5E Solid (F/UTP) ⊙HDBT™

Vertical Cable CAT5E 350MHz Shielded Cable is vital for installations in interference prone areas. In contrast to its CAT5E Unshielded counterpart, shielded cable blocks out electromagnetic interference or EMI, which can slow down proper signal flow. EMI is caused by electrical circuits present around the cable from just about anything: elevators, power lines, electric motors, fluorescent lights, thermostats, air conditioners or microwaves.
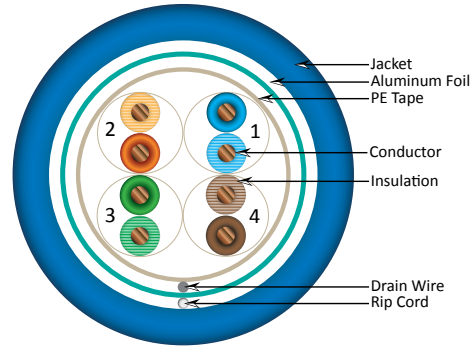
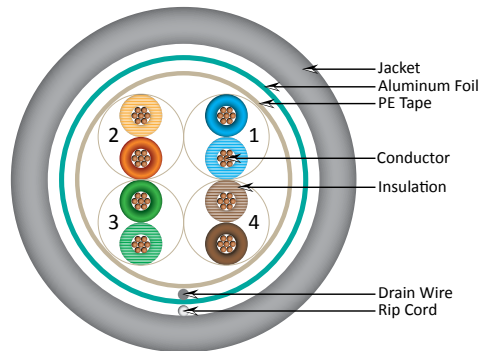| Item #	Description	
057-468/S/BK	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Black	●
057-469/S/BL	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Blue	●
057-470/S/GR	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Green	●
057-471/S/GY	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Gray	●
057-476/S/OR	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Orange	●
057-472/S/PR	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Purple	●
057-473/S/RD	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, Red	●
057-474/S/WH	CAT5E 350MHz Cable, Solid, 24AWG, F/UTP, 4 Pairs,1000ft, White	○
057-475/S/YL	CAT5E 350MHz Cable, Solid, 24AWG, STP, 4 Pairs,1000ft, Yellow	●

Features:

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568 C.2, ISO/IEC 11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

CAT5E Stranded (F/UTP)

Vertical Cable CAT5E Stranded/ Shielded allows for pliability, and is especially useful for making patch cables. The shielding protects the signal from electromagnetic interference (EMI), found just about anywhere these days.

Item #	Description	
057-484/S/ST/GY	CAT5E 350MHz Cable, Stranded/Shielded, 24 AWG, F/UTP, 4 Pairs,1000ft, Gray	●
057-485/S/ST/WH	CAT5E 350MHz Cable, Stranded/Shielded, 24 AWG, F/UTP, 4 Pairs,1000ft, White	○
057-483/S/ST/BL	CAT5E 350MHz Cable, Stranded/Shielded, 24 AWG, F/UTP, 4 Pairs,1000ft, Blue	●

Features:

- High-Performance Data Cable
- Category-5E with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Stranded Conductors
- Exceeds ANSI/TIA-568C.2 Standards
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

CAT5E 25, 50 Pair Power Sum (UTP)

Vertical Cable CAT5E 25 Pair is ideal for Ethernet applications (100Base-T), Video to the Desktop, Multimedia, High speed Voice/Data applications, ISDN, 55/155 Mbps ATM, 100Base-TX, 100Base-T, 100Base VG-AnyLan.

054-454BL

054-452WH

054-453GY

054-455/BL

054-456/WH

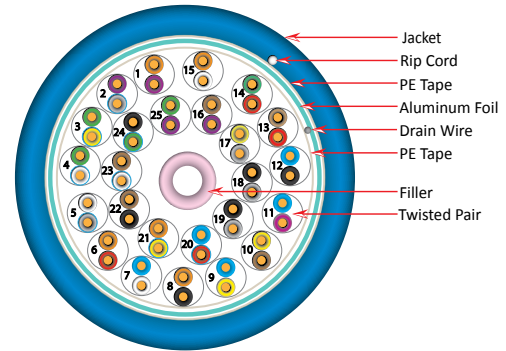| Item #	Description	
054-454BL	CAT5E 25 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, Blue	🔵
054-453GY	CAT5E 25 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, Gray	⚪
054-452WH	CAT5E 25 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, White	⚪
054-455/BL	CAT5E 50 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, Blue	🔵
054-456/WH	CAT5E 50 Pair Power Sum, PVC Jacket, AWG 24, Solid BC, White	⚪

Features:

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568 C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant

25 Pair

c ETL us
Intertek

RoHS

CAT5E 25 Pair (F/UTP)

This Multipair CAT5E cable comes with a special addition of aluminum foil (as well as PE tape). The foil protects the cable signal in high EMI environments.

Jacket
Rip Cord
PE Tape
Aluminum Foil
Drain Wire
PE Tape
Filler
Twisted Pair

Item #	Description	
057-486/S/BL	CAT5E 350MHz Cable, 25 Pairs, Solid/Shielded, 24 AWG, F/UTP, 1000 FT Spool, Blue	🔵
057-487/S/WH	CAT5E 350MHz Cable, 25 Pairs, Solid/Shielded, 24 AWG, F/UTP, 1000 FT Spool, White	⚪

Features:

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568 C.2, ISO/IEC 11801
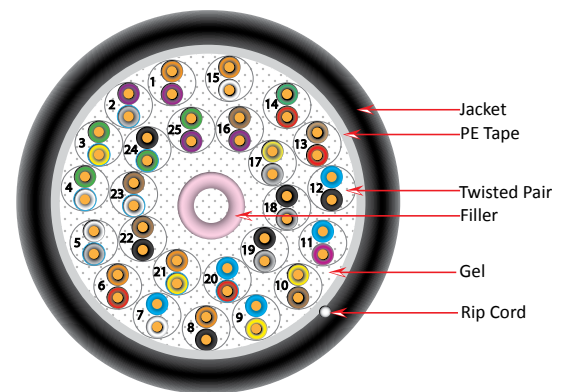- ETL Listed, RoHS Compliant

c ETL us
Intertek

RoHS

DIRECT BURIAL CABLE
#WeHaveItAll

CAT5E 25 Pair Direct Burial

Vertical Cable CAT5E Direct Burial Multipair cable features an outdoor jacket, especially designed to withstand outdoor environment conditions, such as erosion and UV light. It also comes gel filled and with PE tape to protect against water. This cable is designed for direct burial applications. A filler is included for added cable structure.

Jacket
PE Tape
Twisted Pair
Filler
Gel
Rip Cord

Features:

- High-Performance Data Cable
- 25 Pair Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2
- Direct Burial Gel Filled (Flooded Core)
- ETL Listed, RoHS Compliant

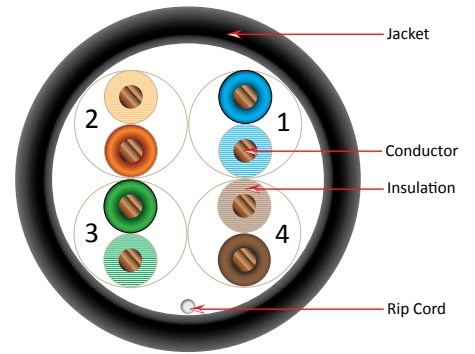| Item #	Description
059-488/CMXF25P	CAT-5E CMXF Direct Burial, Flooded Core, 50-Conductor, AWG24 Solid Bare Copper, Black ●

CAT5E Outdoor Cable, CMX

In comparison to CAT5E Riser, which is made for indoor applications only, the CMX can be installed outside, above ground, and exposed to the sun. Vertical Cable CAT5E 350MHz CMX has the highest UV resistance out of all Vertical Cable outdoor cables. The jacket is LLDPE. The 100% solid bare copper twisted pairs cut and strip just as well, and come with a ripcord.

Item #	Description	
059-484/CMX	CAT5E UV Jacket for Outdoor Use, (CMX) Cable, 1000ft Pull Box, Black	●
059-484/CMX/GY	CAT5E UV Jacket for Outdoor Use, (CMX) Cable, 1000ft Pull Box, Gray	◐
059-484/CMX/WH	CAT5E UV Jacket for Outdoor Use, (CMX) Cable, 1000ft Pull Box, White	○
059-488/WS/CMX	CAT5E UV Jacket for Outdoor Use, (CMX) Cable, 1000ft, Wooden Spool, Black	●
059-491/CMX2K	CAT5E UV Jacket for Outdoor Use, (CMX) Cable, 2000ft Wooden Spool, Black	●
059-501/S/CMX	CAT5E Shielded, UV Jacket for Outdoor Use, (CMX) Cable, 1000ft Pull Box, Black	●

Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- CAN/CSA -C22.2 No. 214
- Outdoor UV Rated Jacket
- ETL Listed, RoHS Compliant
- 1000ft or 2000ft, Pull Box or Wooden Spool

CAT5E Direct Burial, CMXF (UTP, F/UTP)

This type of CAT5E direct burial cable features a flooded gel core, which helps protect the cable from water underground. This cable features a tough LLDPE jacket and can be buried directly underground. For a longer cable lifetime, conduit is recommended. This cable also comes in a shielded variety to protect from EMI in highly wired areas.


Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Twisted Pair
- Easily Identified Color-Striped Pairs 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA, ISO/IEC 11801
- Gel Filled (Flooded Core)
- Direct Burial applications
- ETL Listed, RoHS Compliant
- 1000ft Pull Box, 10,000ft Wooden Spool
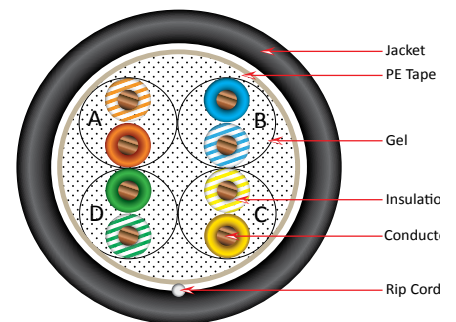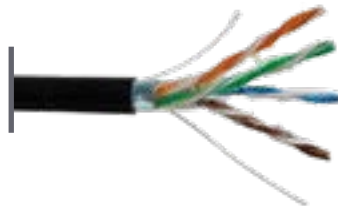
Item #	Description	
059-485/CMXF	CAT5E Direct Burial, Gel Flooded Core, LLDPE Jacket, 1000ft, Pull Box, Black	●
059-485/CMXF10K	CAT5E Direct Burial, Gel Flooded Core, LLDPE Jacket, 10,000ft, Spool, Black	●
059-487/S/CMXF	CAT5E Direct Burial, Gel Flooded Core, Shielded, Drain Wire, LLDPE Jacket, 1000ft, Spool, Black	●
059-489/WS/CMXF	CAT5E Direct Burial, Gel Flooded Core, LLDPE Jacket, 1000ft, Spool, Black	●

CAT5E Direct Burial, CMXT (F/UTP)

Vertical Cable CAT5E CMXT comes with a dual jacket. These elements help protect the cable from water underground. The outer jacket is Low Smoke Zero Halogen. For best results in direct burial applications use conduit with the CAT5E CMXT. For more weather resistant CAT5E direct burial use the CWT cable found under "CAT5E Outdoor Cable, Cell Tower Applications" below.

059-486/CMXT

Jacket
Inner Jacket
Aluminum Foil
Twisted Pair
Drain Wire
Rip Cord
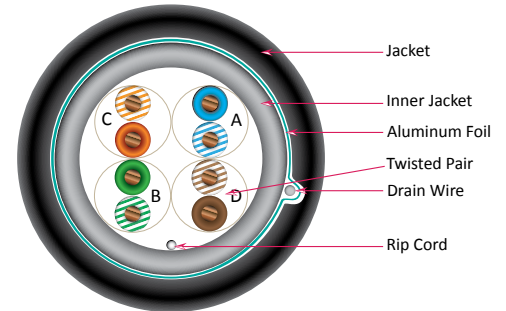
Item #	Description	
059-486/CMXT	CAT5E Direct Burial, Shielded, Waterblock Tape, Drain Wire, Dual Jacket, LSZH Outer Jacket, 1000ft, Pull Box, Black	
059-486/US/CMXT	CAT5E Direct Burial, Unshielded, Drain Wire, Dual Jacket, LSZH Outer Jacket, 1000ft, Pull Box, Black	●
059-490/WS/CMXT	CAT5E Direct Burial, Shielded, Waterblock Tape, Drain Wire, Dual Jacket, LSZH Outer Jacket, 1000ft, Spool, Black	●
059-493/CMXT2K	CAT5E Direct Burial, Shielded, Waterblock Tape, Drain Wire, Dual Jacket, LSZH Outer Jacket, 2000ft, Spool, Black	●
059-502/DT/CMXT	Category-5E Direct Burial, Water Block Tape, Shielded w/Drain Wire, 24AWG Solid Copper, Black, 1000ft, Wooden Spool	●

Features:
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-5E Twisted Pair
- Easily Identified Color-Striped Pairs 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA, ISO/IEC 11801
- Dual Jacket and Waterblock Tape
- LSZH Outer Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box or Wooden Spool

ETL Listed Intertek   RoHS

CAT5E Direct Burial, Waterblock Tape, CMXT (F/UTP)

Jacket
Waterblock Tape
Aluminum Foil
Twisted Pair
Drain Wire
Rip Cord
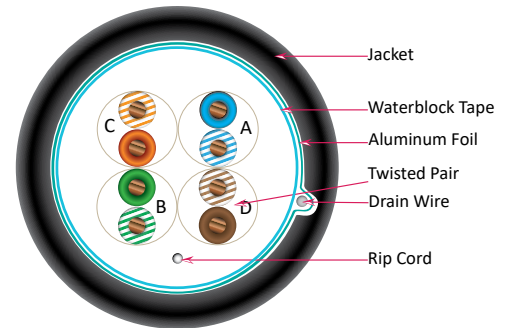
Item #	Description
059-502/DT/CMXT	Category-5E Direct Burial, Water Block Tape, Shielded with Drain Wire, 24AWG Solid Copper, 1000ft, Wooden Spool

Features:
- Category-5E with Overall Shield
- High-Performance Data Cable
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

ETL Listed Intertek   RoHS

With This Product You May Need:

CAT5E RJ45 Outdoor Waterproof – Shielded Coupler

040-380/C5/OWP

Other Outdoor & Direct Burial Cables by Vertical Cable:

AUDIO CABLE
12, 14, 16, 18 Gauge
2,4 Conductors

209 Series with "DB" in description

COAXIAL CABLE
RG11, RG59, RG59 Siamese,
RG6 Siamese, RG6 Quad Shield
107 Series

CATEGORY 6 & 6A CABLES
Water Block Tape (CMXT)
Gel-Flooded (CMXF)
069 Series

CAT5E Outdoor Cable, Cell Tower Applications

Vertical CAT5E Cell Tower cables have 2 necessary components. The first is a tough outdoor rated LLDPE jacket - this jacket withstands weather and UV rays. The second is an aluminum and/or braid shield to protect from EMI typically present around cell towers. Our popular CWT cable has a dual jacket for extra weather protection. The CWT is also a great fit for Direct Burial CMXT applications.

059-494/WS/CWT

Jacket
Aluminium Foil
Inner Jacket
Twisted Pair
Rip cord
Drain wire

Cell Tower Applications
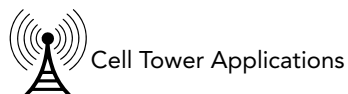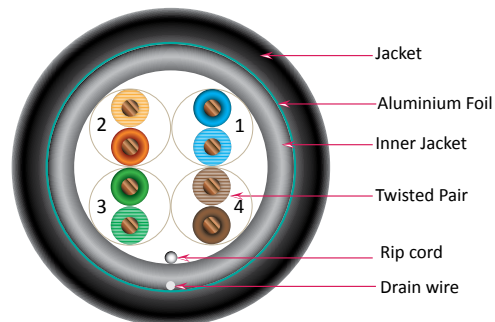
Item #	Description	
059-494/WS/CWT	CAT5E, Cell Tower Outdoor or Direct Burial, Dual Jacket, LLDPE Outer Jacket, 8-Conductor, Solid Bare Copper, 1000ft Wooden Spool, Black	●
059-494/RB/CWT	CAT5E, Cell Tower Outdoor or Direct Burial, Dual Jacket, LLDPE Outer Jacket, 8-Conductor, Solid Bare Copper, 1000ft Reel in Box, Black	●
059-495/S1/CWT	CAT5E, Cell Tower Outdoor, Shielded, Drain Wire, LLDPE Jacket, 8-Conductor, Solid Bare Copper, 1000ft Wooden Spool, Black	●
059-496/S2/CWT	CAT5E, Cell Tower Outdoor, Shielded, Drain Wire, 95% TC Braid, LLDPE Jacket, 8-Conductor, Solid Bare Copper, 1000ft Wooden Spool, Black	●

Features:
- Category-5E Shielded Twisted Pair
- Aluminum Foil and/or 95% TC Braid
- High-Performance Data Cable
- LLDPE Outer Jacket
- For Cell Tower Applications
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

CAT5E Outdoor Cable with Messenger for Aerial Applications

In addition to having an outdoor rating, the CAT5E with Messenger includes a high strength exterior supporting wire called "Messenger." Its sole purpose is to provide stiffness and strength to the cable. This cable is intended for aerial pole-to-pole installations. This cable is also available with an aluminum shield for high EMI areas.

059-497/MESG

Jacket
Twisted Pair
Rip Cord
Messenger

Aerial Applications
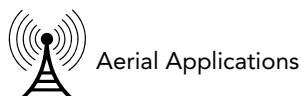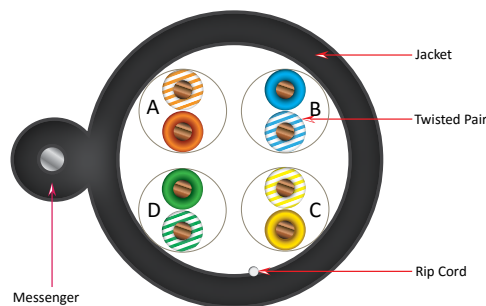
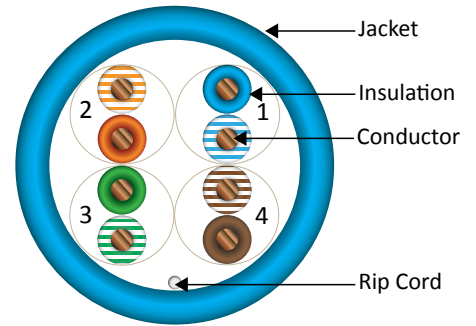| Item #	Description	
059-497/MESG	CAT5E UTP, Outdoor Rated Cable with Messenger, Aerial Applications, Unshielded, LLDPE Jacket, 24AWG Solid Bare Copper, 1000ft, Wooden Spool	●
059-498/S/MESG	CAT5E F/UTP, Outdoor Rated Cable with Messenger, Aerial Applications, Shielded, LLDPE Jacket, 24AWG Solid Bare Copper, 1000ft, Wooden Spool	●

Features:
- Ideal for Outdoor Aerial Applications
- Galvanized Steel Messenger for Support
- Outdoor Rated, UV resistant
- LLDPE Jacket
- Easily Identified Color-Striped Pairs
- 24AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2 Standards
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

CATEGORY 6 CABLE

Type / Category	CAT6										
CMP UTP Plenum	166 Series - ETL - Made in USA	○	●	🟡	🔴	🔵	🟠	⚫	🟢	🟣	🌸
CMP UTP Plenum	167 Series - UL - Made in USA 066 Series - TAA Compliant	○	●	🟡	🔴	🔵	🟠	⚫	🟢	🟣	🌸
CMR UTP Riser	161 Series - TAA Compliant 060 Series	○	●	🟡	🔴	🔵	🟠	⚫	🟢	🟣	🌸
Stranded UTP (more flexible)	063 Series	○	●	🟡	🔴	🔵	🟠	⚫	🟢	🟣	
CMP F/UTP Plenum	168 Series - UL	○	●	🟡	🔵	🟢	⚫				
CMR STP Riser	062 Series	○	●	🟡	🔵	🟢	⚫				
Outdoor CMX With messenger	069 Series	●									
Direct Burial Gel flooded core (CMXF) Water Block Tape (CMXT) Dual Jacket	069 Series	●									
LSZH Jacket (Low Smoke)	070 Series	🔵	○	⚫							

NO SNAGS

VIBRANT COLORING

STRONG BOX

**Short lengths available
CAT5E CMP UTP,
CAT6 CMP UTP**
Pre-cut lengths
500-950 FT

Limited quantity

*High performance cable
Multiple colors
Made in USA*

FACT from CAT
CAT6 cable is better able to avoid crosstalk and provide faster speeds than the CAT5E variants thanks to it's heavier wire shielding and tighter pair twists.

CAT6 Solid CMP Plenum Rated (UTP) - ETL-Listed - Made in USA

This CAT6 plenum from Vertical Cable is domestically produced in the USA. CAT6 Plenum all appropriate fire ratings for the plenum designation, safe to use in air-handling such as drop ceilings and air-vents. This cable is made with 100% bare copper, and has excellent attenuation and crosstalk characteristics.

Jacket
Insulation
Conductor
Rip Cord

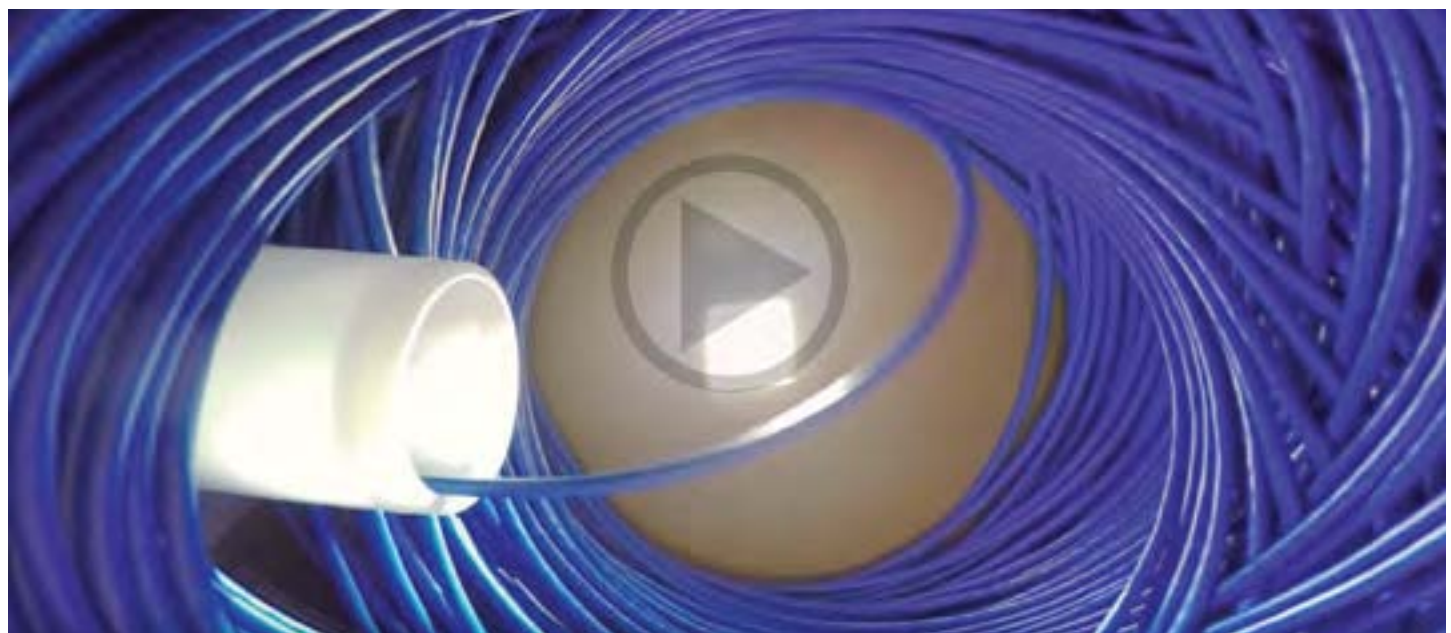| Item #	Description	
166-250/P/BK	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black	●
166-251/P/BL	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue	🔵
166-252/P/GR	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green	🟢
166-253/P/GY	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray	⚫
166-254/P/OR	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange	🟠
166-255/P/PK	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink	🌸
166-256/P/PR	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple	🟣
166-257/P/RD	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red	🔴
166-258/P/WH	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White	○
166-259/P/YL	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow	🟡

Features:
- High-Performance 550MHz Category-6 Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- Color-coded box labels
- ETL Listed, RoHS Compliant
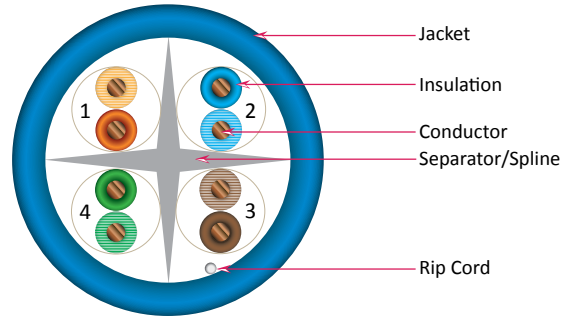- MADE IN USA
- 1000ft Pull Box

ETL Intertek **RoHS**

CAT6 Cable ▶ CAT6 Plenum

CAT6 Solid CMP Plenum Rated (UTP) - UL-Listed - Made in USA

This CAT6 plenum from Vertical Cable is domestically produced in the USA. CAT6 Plenum all appropriate fire ratings for the plenum designation, safe to use in air-handling such as drop ceilings and air-vents. This cable is made with 100% bare copper, and has excellent attenuation and crosstalk characteristics.

Jacket
Insulation
Conductor
Rip Cord

Item #	Description	
167-100/P/BK	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Black	●
167-101/P/BL	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Blue	●
167-102/P/GR	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Green	●
167-103/P/GY	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Gray	●
167-104/P/OR	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Orange	●
167-105/P/PK	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Pink	●
167-106/P/PR	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Purple	●
167-107/P/RD	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Red	●
167-108/P/WH	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, White	○
167-109/P/YL	CAT6 550MHz Cable, MADE IN USA , 23AWG, UTP, 4 Pairs, Solid, Plenum, 1000ft, Yellow	●

Features:
- High-Performance 550MHz Category-6 Data Cable
- Suitable for High-Speed Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant – Plenum
- Easily Identified Color-Striped Pairs
- Unshielded Twisted Pair (UTP) Cable
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2 specifications
- Excellent Attenuation and Crosstalk Characteristics
- Color-coded box labels
- UL Listed, RoHS Compliant
- MADE IN USA
- 1000ft Pull Box

NO TANGLES.
Only Superior Quality Made in USA Cable

Watch Video

CAT6 Cable ▶ CAT6

CAT6 Solid (UTP) - TAA Compliant ⬤HDBaseT™

Labels: Jacket, Insulation, Conductor, Separator/Spline, Rip Cord

Item #	Description	
161-101/BK	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Black	⬤
161-102/BL	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Blue	⬤
161-103/GR	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Green	⬤
161-104/GY	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Gray	⬤
161-105/OR	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Orange	⬤
161-106/PK	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Pink	⬤
161-107/PR	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Purple	⬤
161-108/RD	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Red	⬤
161-109/WH	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, White	○
161-110/YL	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Yellow	⬤

Features:

- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- Category-6 Unshielded Twisted Pair
- 23AWG Solid Bare Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant, TAA Compliant
- 1000ft Pull Box

TAA COMPLIANT   ETL Listed Intertek   RoHS

CAT6 Solid (UTP) ⬤HDBaseT™

CAT6 550MHz PVC Bulk Cable provides even higher performance than our CAT5E Cable, further reducing crosstalk. The cable includes a divider that separates the twisted pairs from one another. CAT6 is standard for Gigabit Ethernet installations. Vertical Cable Twisted Pair cable cuts and strips well and comes with a ripcord. The color-striped pairs are easily identifiable for quick and easy termination. This cable is listed with ETL and fully supports HDBaseT specifications.

Labels: Jacket, Insulation, Conductor, Separator/Spline, Rip Cord
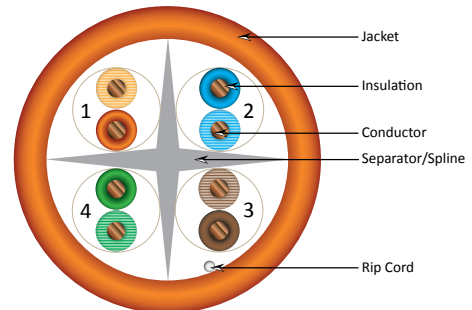
Item #	Description	
060-487/BK	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Black	⬤
060-488/BL	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Blue	⬤
060-489/GR	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Green	⬤
060-490/GY	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Gray	⬤
060-2395/OR	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Orange	⬤
060-495/PK	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Pink	⬤
060-491/PR	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Purple	⬤
060-492/RD	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Red	⬤
060-493/WH	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, White	○
060-494/YL	CAT6, 550MHz, 23AWG, UTP, 4 Pairs, Solid,1000ft, Yellow	⬤

Features:

- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- Category-6 Unshielded Twisted Pair
- 23AWG Solid Bare Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- Riser Rated PVC Jacket
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

ETL Listed Intertek   RoHS

TAA-Compliant Products by Vertical Cable

TAA COMPLIANT

Trade Agreements Act (TAA) requirements are built into General Service Administration (GSA)
The U.S. Government is required to only obtain products and services that were made in the United States or end products from TAA compliant countries. Vertical Cable can supply the products needed to sell to the US Government.
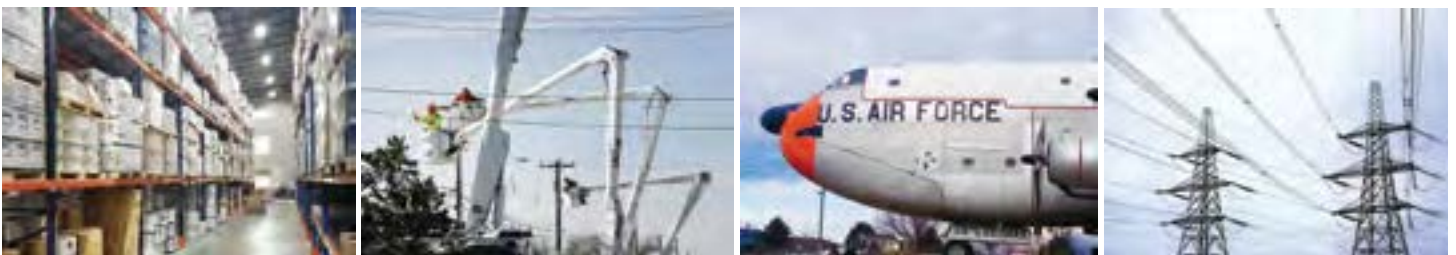
Ask Your Account Manager about all TAA-Compliant Products by Vertical Cable

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FACT from CAT
According to building engineers and construction contractors, the Plenum is the space between the false ceiling and the structural ceiling, when the space is used for air circulation. Riser is a vertical shaft used to route cable between two floors.

The National Electric Code permits plenum cable to be used in the riser, but it doesn't allow riser cable to be used in the plenum
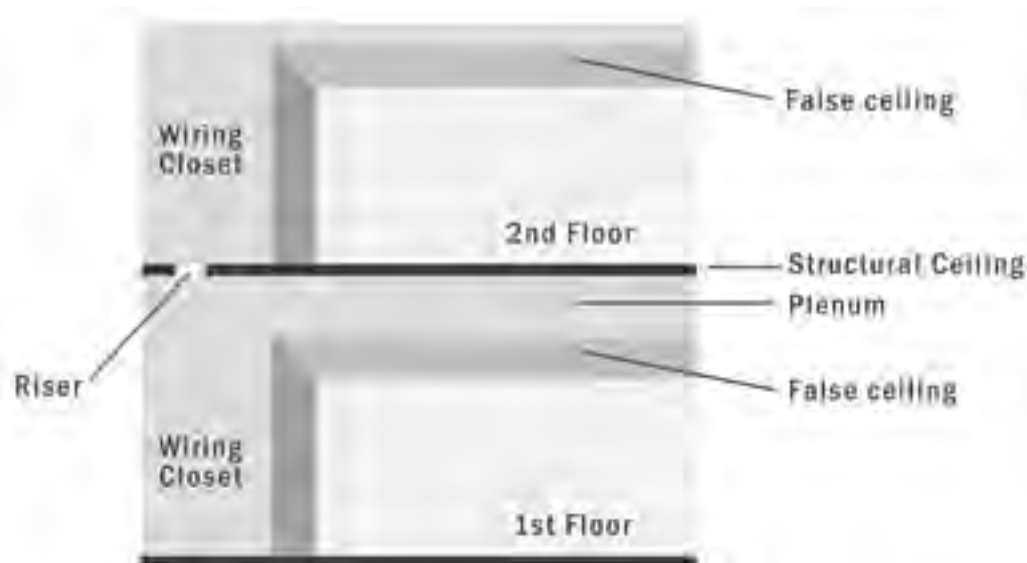
Plenum & Riser

CAT6 Solid F/UTP Plenum Rated

Vertical Cable CAT6 550MHz Plenum Shielded Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings that conceal return air vents in office buildings. Our Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas. The shielding protects the signal from electromagnetic interference (EMI).

Jacket
Aluminum Foil
PE Tape
Insulation
Conductor
Separator
Drain Wire
Rip Cord
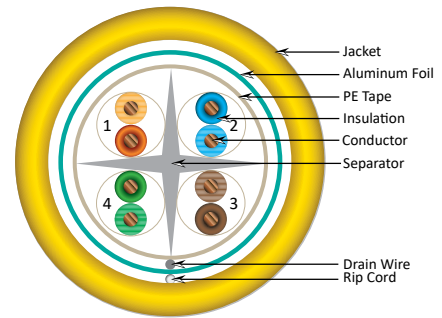
COMPARE TO 068 SERIES (DISCONTINUED PART NUMBER)

Item #	Description	
168-300/S/P/BK	CAT6 F/UTP Shielded High Grade Plenum,1000ft, Wooden Spool, Black	●
168-301/S/P/BL	CAT6 F/UTP Shielded High Grade Plenum,1000ft, Wooden Spool, Blue	●
168-302/S/P/GR	CAT6 F/UTP Shielded High Grade Plenum,1000ft, Wooden Spool, Green	●
168-303/S/P/GY	CAT6 F/UTP Shielded High Grade Plenum,1000ft, Wooden Spool, Gray	●
168-308/S/P/WH	CAT6 F/UTP Shielded High Grade Plenum,1000ft, Wooden Spool, White	○
168-309/S/P/YL	CAT6 F/UTP Shielded High Grade Plenum,1000ft, Wooden Spool, Yellow	●

Features:

- Category 6, 23AWG, 4 Pair, Solid Bare Copper
- Tape: PE Tape
- Drain: Solid Tin Copper
- Shield: Aluminum/Polyester Tape (100% Coverage)
- Jacket Material: Flame Retardant Polyvinyl Chloride
- Nominal Overall Cable Diameter: 0.268 in. (6.8 mm)
- NEC Article 800, UL 444: Type CMP Rating FT6, C(ETL)US, RoHS Compliant
- Exceeds TIA/EIA 568-C.2, ISO/IEC-11801
- 1000ft Wooden Spool
- TAA Compliant

RoHS

c(UL)us LISTED

Network Brush Panel
19" Rack Mount, 1U & 2 U *047-WBP Series*

Compatible with all* Vertical Cable Racks & Cabinets
*Check spec sheets for details

KNOW THE STANDARDS

ANSI/TIA-568 is a set of telecommunications standards from the Telecommunications Industry Association (TIA). The standards address commercial building cabling for telecommunications products and services.

As of 2017, the standard is at revision D, replacing the 2009 revision C, 2001 revision B, the 1995 revision A, and the initial issue of 1991, which are now obsolete.

Perhaps the best known features of ANSI/TIA-568 are the pin/pair assignments for eight-conductor 100-ohm balanced twisted pair cabling. These assignments are named T568A and T568B.

T568A is used primarily in residential and government applications (the US government only recognizes T568A), while T568B is used primarily in commercial applications. The important point is that only one method be used within the network.

TIA/EIA 568A Wiring

Green-White Green	Orange-White Blue	Blue-White Orange	Brown-White Brown

TIA/EIA 568B Wiring

Orange-White Orange	Green-White Blue	Blue-White Green	Brown-White Brown

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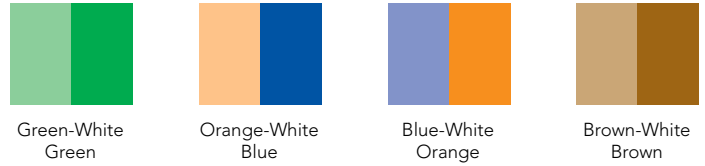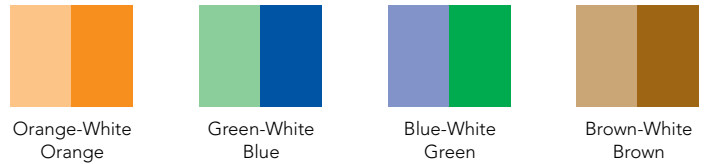
SPLINE OR NO SPLINE?

Category 6 cables can be manufactured with or without a spline. As you know Category cables must meet industry standards, such as TIA and ISO. These standards assure that all Category 6 cables are compatible with associated networking equipment. However, these standards do not dictate certain detailed particulars of a cable's construction. Difference in the cable design can vary depending on the manufacturer.

Twist factor of the pairs guarantees meeting specified electrical characteristic and not the spline.

Typical Outer Diameter for CAT6 cables with and without spline

0.24" (6.1 mm)

0.20" (5.3 mm)

Category 6 with Spline

Category 6 no Spline

Low light vs. Well-lighted room
On the image: Vertical Cable CAT6 CMP UTP (166 Series)
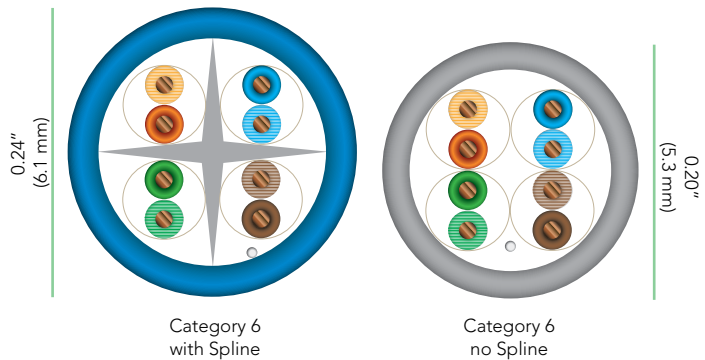
Our Insulation Coloring Visible Even in Low Light

- • Vibrant coloring of the jacketed conductors
- • Easy to identify the colors in low light
- • Perfect for the projects that have basements with not adequate daylight

CAT6 Cable ▶ CAT6

CAT6 Solid (F/UTP) ◐HDB.T™

Vertical Cable CAT6 550MHz Shielded Cable is essential for high speed network installations in interference prone areas. In contrast to its CAT6 Unshielded counterpart, CAT6 Shielded cable blocks out electromagnetic interference or EMI, which can slow down and degrade proper signal connection. EMI is caused by electrical circuits present around the cable from just about anything: elevators, power lines, electric motors, fluorescent lights, thermostats, air conditioners or microwaves. In addition, this CAT6 fully supports HDBaseT specifications.
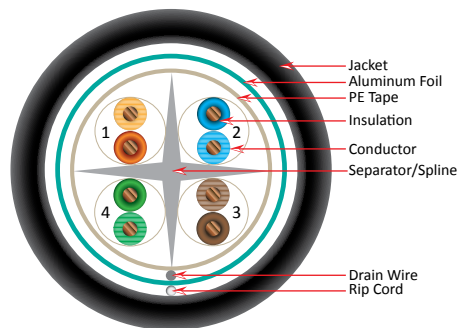
Item #	Description	
062-503/S/BK	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Black	●
062-504/S/BL	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Blue	●
062-505/S/GR	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Gray	●
062-506/S/GY	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Green	●
062-507/S/OR	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Orange	●
062-502/S/PR	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Purple	●
062-508/S/RD	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Red	●
062-509/S/WH	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, White	○
062-510/S/YL	CAT6 550MHz Cable, 23AWG, F/UTP, 4 Pairs, 1000ft, Yellow	●

Features:

- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 with an overall foil/shield
- Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- Riser Rated (CMR)
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

CAT6 Low Smoke Zero Halogen (UTP) ◐HDB.T™ GREEN HOME CHOICE

Vertical Cable CAT6 LSZH Cable features a special jacket that gives off no toxic fumes when exposed to high temperatures. The LSZH jacket is made from thermoplastic and does not produce the dangerous halogen gas upon combustion. This CAT6 is perfect for use in aircrafts, boats, and railway cars. LSZH cable reduces the risk of toxic fumes accumulating in poor ventilation environments and around sensitive equipment. This CAT6 supports HDBaseT specifications.
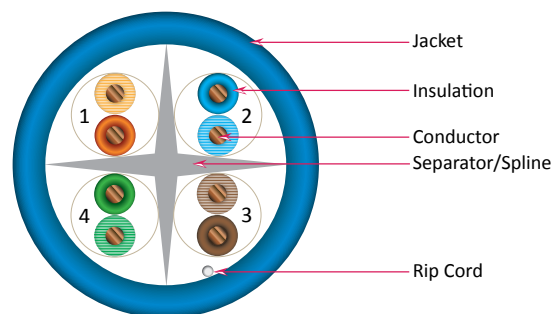
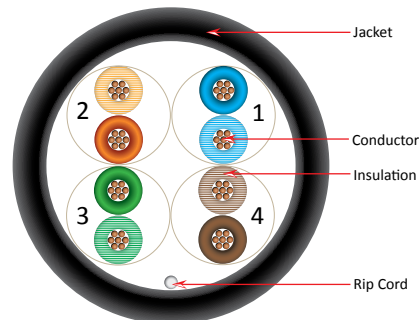| Item #	Description	
070-711/6LS/BL	CAT6 23AWG, UTP, LSZH Jacket, 8C Solid Bare Copper, 1000ft, Pull Box, Blue	●
070-713/6LS/GY	CAT6 23AWG, UTP, LSZH Jacket, 8C Solid Bare Copper, 1000ft, Pull Box, Gray	●
070-718/6LS/WH	CAT6 23AWG, UTP, LSZH Jacket, 8C Solid Bare Copper, 1000ft, Pull Box, White	○

Features:

- High Performance Data Cable
- Category-6 Unshielded Twisted Pair
- 23AWG, 4 Pair, Solid Bare Copper Conductors
- Jacket Material: Low Smoke Zero Halogen
- Easily Indentified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- c(ETL)us, RoHS Compliant
- 1000ft Pull Box

CAT6 Cable ▶ CAT6

CAT6 Stranded (UTP) Splineless

CAT6 550MHz Stranded Cable is more pliable than its CAT6 Solid counterpart, and is more commonly used for making patch cables. It is constructed to be able to bend and twist frequently while still maintaining signal integrity. As always, Vertical Cable CAT6 Stranded meets and exceeds ANSI/TIA-568C.2 standards.

Item #	Description	
063-511/ST/BK	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Black	●
063-512/ST/BL	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Blue	●
063-514/ST/GY	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Gray	●
063-513/ST/GR	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Green	●
063-2201/ST/OR	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Orange	●
063-516/ST/RD	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Red	●
063-517/ST/WH	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, White	○
063-518/ST/YL	CAT6, 24AWG, UTP, 4 Pairs, Stranded, 1000ft, Yellow	●

Features:

- High-Performance Data Cable
- Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568-C.2, ISO/IEC-11801
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

CAT6 Stranded (F/UTP)

Vertical Cable CAT6 550MHz Stranded/Shielded is more pliable than its solid counterpart and is especially useful for making patch cords. The shield protects the signal from electromagnetic interference (EMI), found just about anywhere these days.
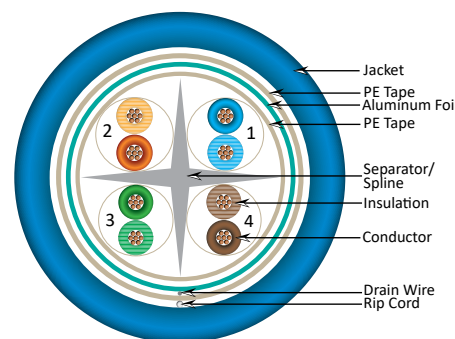
Item #	Description	
062-514/S/ST/BL	CAT6, 24AWG, F/UTP, 4 Pair, Stranded, 1000ft, Blue	●
062-515/S/ST/GY	CAT6, 24AWG, F/UTP, 4 Pair, Stranded, 1000ft, Gray	●
062-516/S/ST/WH	CAT6, 24AWG, F/UTP, 4 Pair, Stranded, 1000ft, White	○

Features:

- Category-6 with an overall foil/shield
- High-Performance Data Cable
- Multi-Shield to withstand weather
- Easily Identified Color-Striped Pairs
- 24AWG Stranded Copper Conductors
- Exceeds ANSI/TIA-568C.2 Standards
- ETL Listed, RoHS Compliant
- 1000ft Pull Box

CAT6 Cable ▶ CAT6 Outdoor

CAT6 Outdoor Rated, CMX

In comparison to riser rated CAT6, which is made for indoor applications only, the CMX can be installed outside, above ground, and exposed to the sun. Vertical Cable CAT6 CMX has the highest UV resistance out of all Vertical Cable outdoor cables. The jacket is LLDPE. The 100% solid bare copper twisted pairs cut and strip just as well, and come with a ripcord.

Jacket
Twisted Pair
Separator/Spline
Rip Cord
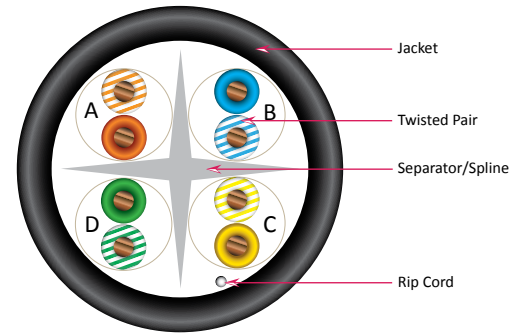
Item #	Description
069-559/CMX	CAT6 UV Jacket for Outdoor Use, (CMX) Cable,1000ft, Wooden Spool, Black ●

Features:

- High-Performance Data Cable
- 600MHz Bandwith for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Category-6 Unshielded Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568-C.2, ISO/IEC 11801
- Outdoor UV Rated LLDPE Jacket
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

CAT6 Direct Burial, CMXF Shielded & Unshielded

CAT6 CMXF direct burial cable features a flooded gel core, which helps protect the cable from moisture/water. This cable features a tough LLDPE jacket and can be buried directly underground. For a longer cable lifetime, conduit is recommended. This cable also comes in a shielded variety to protect from EMI in highly wired areas.

069-560/CMXF

Jacket
PE Tape
Gel
Separator/Spline
Insulation
Conductor
Rip Cord
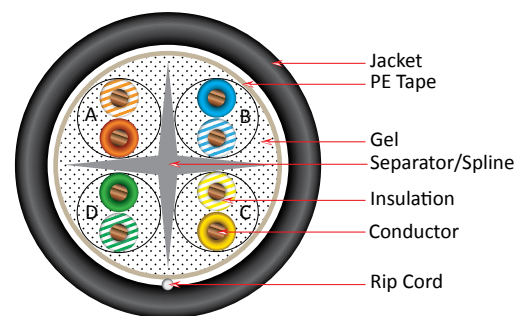
Item #	Description
069-560/CMXF	CAT6 CMXF Direct Burial, 600MHz Bandwith for Data Applications, Gel Flooded Core, Unshielded, PE Tape, LLDPE Jacket, 23AWG, Solid, Black ●
069-560/CMXF10k	CAT6 CMXF Direct Burial, 600MHz Bandwith for Data Applications, Gel Flooded Core, Unshielded, PE Tape, LLDPE Jacket, 23AWG, Solid, Black 10.000ft Wooden Spool ●
069-558/S/CMXF	CAT6 CMXF Direct Burial, 550MHz Bandwidth, 10/100/1000 Base-T, Gel Flooded Core, Shielded, Drain Wire, PE Tape, 23AWG, Solid, Black ●

Features:

- High-Performance Data Cable
- Gel Filled Flooded Core
- LLDPE Direct Burial Rated jacket
- Shielded or Unshielded
- Category-6 Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
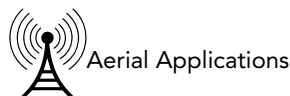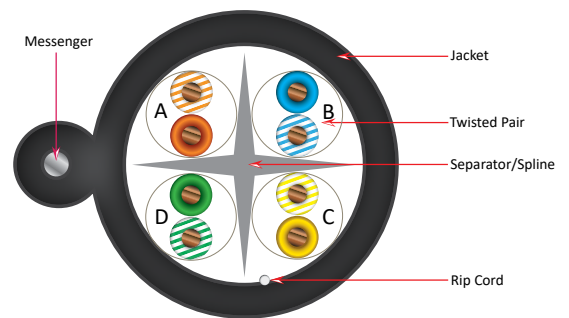- ETL Listed, RoHS Compliant
- 1000ft and 10,000ft Wooden Spool

069-560/CMXF

CAT6 Direct Burial, CMXT

Vertical Cable CAT6 CMXT features a waterblock tape for protection against moisture/water. This cable has a tough LLDPE jacket which allows the cable to be buried directly underground. Conduit is recomended for an extended life time. This cable can also be used for CAT6 cell tower applications, as the LLDPE jacket has a high level of UV resistance.

069-561/CMXT

Jacket
Aluminum Foil
Waterblock Tape
PE Tape
Separator/Spline
Insulation
Conductor
Drain Wire

Features:

- High-Performance Data Cable
- 600MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Waterblock Tape
- Direct Burial or Cell Tower Applications
- Category-6 Twisted Pair
- Shielded or Unshielded
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds TIA/EIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

069-561/CMXT

Item #	Description	
069-561/CMXT	CAT6 CMXT Direct Burial, Shielded, Drain Wire, Waterblock Tape, LLDPE Jacket, 23AWG, Solid, 1000ft, Wooden Spool, Black	●
069-557/US/CMXT	CAT6 CMXT Direct Burial, Unshielded, Waterblock Tape, LLDPE Jacket, 23AWG, Solid, 1000ft, Wooden Spool, Black	●

CAT6 Outdoor Rated With Messenger, Aerial Applications

In addition to having an outdoor UV rating, Vertical Cable CAT6 with Messenger includes a high strength exterior supporting wire, called "Messenger." Its sole purpose is to provide support for aerial applications. The cable is also available with a shield.

Messenger
Jacket
Twisted Pair
Separator/Spline
Rip Cord

Aerial Applications

Features:

- High-Performance Data Cable
- 600MHz Bandwidth for Data Applications, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Galvanized Steel Messenger
- Aerial Applications
- Category-6 Twisted Pair
- Shielded or Unshielded
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

Item #	Description	
069-562/MESG	CAT6 UTP, Outdoor Rated with Messenger, Aerial Applications, Unshielded, LLDPE Jacket, 23AWG, Solid Bare Copper, 1000ft, Spool, Black	●
069-563/S/MESG	CAT6 F/UTP, Outdoor Rated with Messenger, Aerial Applications, Shielded, LLDPE Jacket, 23AWG, Solid Bare Copper, 1000ft, Spool, Black	●

CATEGORY 6A CABLE

Type / Category		CAT6A
CMP UTP Plenum	065 Series - UL - TAA Compliant	○ ● ● ● ●
CMR UTP Riser	064 Series	○ ● ● ● ● ● ●
CMP F/UTP Plenum	165 Series - UL	○ ● ● ● ●
CMR F/UTP Riser	064 Series	○ ● ● ● ● ● ●
Outdoor CMX With messenger	069 Series	●
Direct Burial Gel flooded core (CMXF) Water Block Tape (CMXT) Dual Jacket	069 Series	●

VIBRANT COLORING

CAT6A can support 10 Gigabit Ethernet at 100 meters. CAT6 cable only supports 37-55 meters (depending on crosstalk) when transmitting 10 Gbps speeds.

FACT from CAT

The standard for Category 6A is ANSI/TIA-568-C.1, defined by the Telecommunications Industry Association (TIA) for enhanced performance standards for twisted pair cable systems. It was defined in 2009. The "A" stands for "augmented" and is a nod to CAT6A's improved specifications compared with its predecessor, the Category 6 cable.

The Cat6a doubles data transmission bandwidth, from 250 to 500 MHz, decreases the chance of crosstalk interference, and provides superior reliability and transmission speeds through greater lengths of cable.

CAT6A Solid (UTP)

Vertical Cable CAT6A (Augmented) 10Gb Bulk PVC Cable provides even higher performance than standard CAT6. CAT6A is the choice for applications that require a higher level of performance.

Jacket
Insulation
Conductor
Separator/Spline
Rip Cord
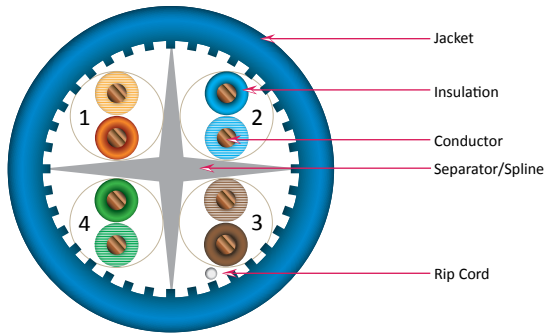
Item #	Description	
064-484/A/BK	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Black	●
064-485/A/BL	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Blue	●
064-688/A/GY	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Gray	●
064-687/A/GR	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Green	●
064-692/A/RD	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Red	●
064-486/A/WH	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, White	○
064-693/A/YL	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Yellow	●
064-689/A/OR	CAT6A, 10GS, 23AWG, UTP, CMR, 4 Pair, Solid,1000ft, Spool, Orange	●

Features:

- High-Performance Data Cable
- Suitable for 10Gb High-Speed Applications
- Designed for Indoor Installations (CMR)
- Category-6A (Augmented) (UTP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568C.2
- ETL Listed, RoHS Compliant
- Supplied in 1000ft Wooden Spool

ETL Listed
Intertek

RoHS

CAT6A Cable ▶ CAT6A

CAT6A Solid (F/UTP)

For those installations that require maximum signal quality in high EMI environments, there is CAT6A Shielded. Vertical Cable CAT6A 10Gb F/UTP Cable comes with an Aluminum Shield that effectively cancels out interference.

Jacket
Rip Cord
Aluminum Foil
Drain Wire
Polyester Film
Insulation
Conductor
Separator/Spline
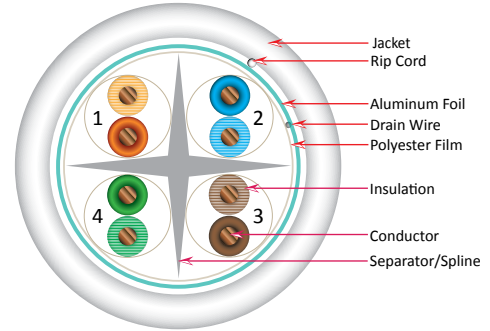
Item #	Description	
064-700/A/S/BK	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Black	●
064-701/A/S/BL	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Blue	●
064-702/A/S/GR	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Green	●
064-703/A/S/GY	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Gray	●
064-707/A/S/RD	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Red	●
064-708/A/S/WH	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, White	○
064-709/A/S/YL	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Yellow	●
064-704/A/S/OR	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMR, Solid,1000ft, Spool, Orange	●

Features:

- High-Performance Data Cable
- Suitable for 10Gb High-Speed Applications
- Designed for Indoor Installations (CMR)
- Category-6A (Augmented) (F/UTP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568-C.2
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

With CAT6A Cable Our Customers Usually Buy These Products:

054-455/BL   Velcro Tie Wrap

353-V2822/C6AYL   Keystone Jack

078 Series   Tools

044-2392/DS/2U   Horizontal Cable Managers

307-520B/1G/WH   Feed through Wall Plate

046-389/E   Adjustable Wall Mount Bracket

CAT6A Solid Plenum (UTP)

In addition to delivering the highest level Category performance, Vertical Cable CAT6A 10Gb Plenum Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings, which conceal return air vents in office buildings. Our Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas.
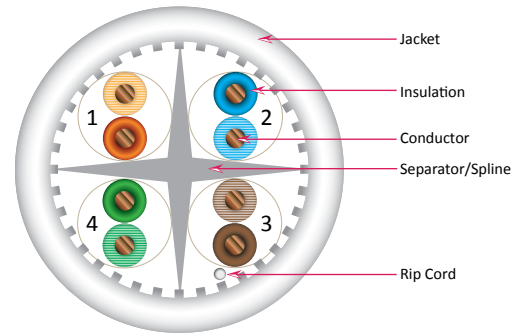
Item #	Description	
065-300/A/P/BK	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Black	●
065-301/A/P/BL	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Blue	●
065-302/A/P/GR	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Green	●
065-308/A/P/WH	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, White	○
065-309/A/P/YL	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Yellow	●
065-303/A/P/GY	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Gray	●
065-307/A/P/RD	CAT6A, 10GS, 23AWG, 4 Pair, UTP, CMP, 1000ft, Red	●

Features:

- 23AWG Plenum, unshielded solid twisted pairs,
- Category 6A Horizontal Cable, ANSI/TIA 568C.2, 11801:2002, UL 910:CMP Rating, UL Listed, RoHS Compliant
- Supports all category 6A applications including Ethernet 10 Gigabit, 100 BASE TX, 100BaseVG AnyLan, 155ATM, 622ATM, NTSC/PAL, Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422

CAT6A Solid Plenum F/UTP

In addition to delivering the highest level Category performance, Vertical Cable CAT6A 10Gb Plenum Cable is made from flame retardant materials. It is used in spaces designated for air-handling such as drop ceilings, which conceal return air vents in office buildings. Our Plenum cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas.
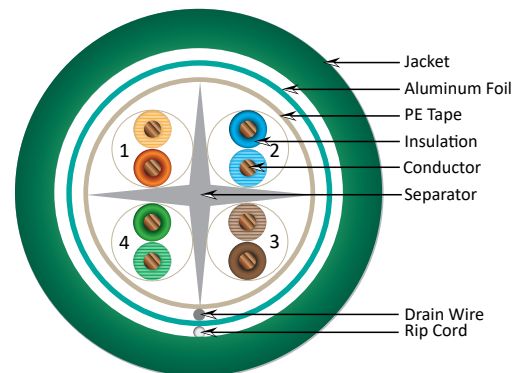
Item #	Description	
165-300/A/PS/BK	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Black	●
165-301/A/PS/BL	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Blue	●
165-302/A/PS/GR	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Green	●
165-308/A/PS/WH	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, White	○
165-309/A/PS/YL	CAT6A, 10GS, 23AWG, 4 Pair, F/UTP, CMP, 1000ft, Yellow	●

Features:

- 23AWG Plenum, shielded solid twisted pairs
- Exceeds ANSI/TIA 568C.2
- CMP Rating, UL Listed, RoHS Compliant
- 750MHz Bandwidth for Data Applications. Supports all category 6A applications including Ethernet 10 Gigabit, 100 BASE TX, 100BaseVG AnyLan, 155ATM, 622ATM, NTSC/PAL, Component or Composite Video, AES/EBU Digital Audio, AES51, RS-422

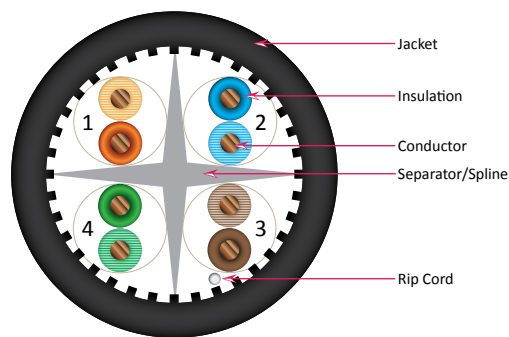# CAT6A Cable ▶ CAT6A Outdoor

CAT6A Outdoor Rated, CMX & CMXT

Vertical Cable CAT6A 10Gb Cable also comes with an Outdoor CMX or CMXT Rating.
Both CMX and CMXT are UV rated and feature a tough LLDPE Jacket. The CMXT can be used for direct burial applications, as well as cell tower applications.

069-564/A/CMX

- Jacket
- Insulation
- Conductor
- Separator/Spline
- Rip Cord

069-564/A/CMX

Features:

- High-Performance Data Cable
- 10Gigabit Ethernet
- Category-6A Twisted Pair
- Easily Identified Color-Striped Pairs
- 23AWG Solid Copper Conductors
- Exceeds ANSI/TIA 568C.2
- Outdoor UV Rated LLDPE Jacket
- For outdoor use above ground and/or direct burial
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

Item #	Description	
069-564/A/CMX	CAT6A, Outdoor, CMX, 23AWG, 4 Pair, UTP, 1000ft, Spool, Black	●
069-565/A/CMXT	CAT6A, Direct Burial or Cell Tower Applications, CMXT, Shielded, Dual Jacket, 23AWG, 4 Pair, F/UTP, 1000ft, Spool, Black	●

ETL Listed Intertek   RoHS

CAT6A Outdoor Rated, Dual Jacket, CMXT Individual Twisted Pair

New Product
Call Your Account Manager for details

Item #	Description	
069-567/SP/CMXT	CAT6A Dual Jacket Outdoor U/FTP, Shielded, CMXT, 23AWG, 4 Pair 1000ft, Spool, Black	●

- UV PE Jacket
- PVC Jacket
- AL foil screen
- Drain Wire
- S-F-S PE Insulation
- Conductor
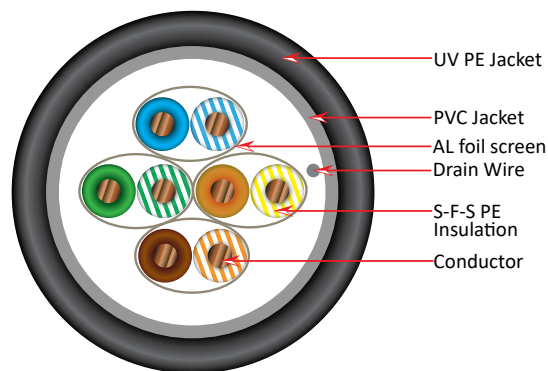
KNOW YOUR CABLE: U/FTP & F/UTP

Shielded Category 6A cables perform better than their Category 6A UTP counterparts simply because the metallic barrier guarantees protection from unwanted external noise.

Vertical Cable offers shielded cable with foil around each of the four individual pairs. This cable, known as U/FTP (overall Unshielded, but Foil over TwistedPairs), features excellent shielding performance. Keep in mind that it's more challenging to terminate U/FTP type cable than other constructions since each pair is individually wrapped in foil.

F/UTP (Foil shield over Unshielded Twisted Pairs) cable requires a more technologically advanced manufacturing process to build it, but is significantly easier to terminate. Outer diameter is smaller than the U/FTP cable. F/UTP cable utilizes a single foil shield wrapped around the cable core and includes a drain wire.
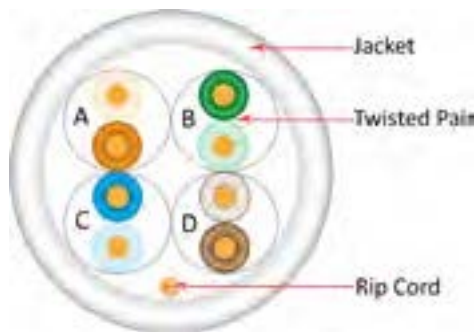
CAT3 Cable ▶ CAT3

CAT3 Solid PVC Cable (UTP)

CAT3 PVC Bulk Cable is ideal for voice and telephone applications and is also used for data applications. Vertical Cable Twisted Pair cable cuts and strips well, and comes with a ripcord.

Jacket

Twisted Pair

Rip Cord

052-434WH

Jacket

Twisted Pair

Rip Cord

052-438WH

Features:

- Suitable for Communication Applications
- Suitable for Telephony and Security Systems
- Category-3 Unshielded Twisted Pair Cable
- 2 Pair, 3 Pair, 4 Pair
- AWG24 Solid Bare Copper Conductors
- ETL Listed, RoHS Compliant
- Supplied in 1000ft Pull Boxes
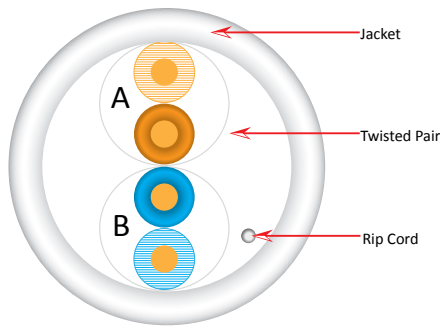
Item #	Description
052-434WH	CAT3 Cable, 24AWG, UTP, 2 Pairs, Solid, 1000ft, Pull Box, White ○
052-436WH	CAT3 Cable, 24AWG, UTP, 3 Pairs, Solid, 1000ft, Pull Box, White ○
052-438WH	CAT3 Cable, 24AWG, UTP, 4 Pairs, Solid, 1000ft, Pull Box, White ○

cETLus Intertek

RoHS

KNOW CAT3

Category 3 cable, commonly known as CAT3 or station wire, and less commonly known as VG or voice-grade.

CAT3 was widely used in computer networking in the early 1990s for 10BASE-T Ethernet and, to a lesser extent, for 100BaseVG Ethernet, token ring and 100BASE-T4. The original Power over Ethernet 802.3af specification supports the use of CAT3 cable, but the later 802.3at Type 2 high-power variation does not.

With This Product You May Need:

only for handset cords

009-007

009-008

009-1024

078-1017

028-067/8C/WH

CAT3 Cable ▶ CAT3 Multipair
CAT3 Solid 25, 50, 100 Pair (UTP)

052-441GY

052-442GY

052-443GY

Item #	Description	
052-441GY	CAT3 UTP, 24AWG, 25 Pair, Gray	⚫
052-442GY	CAT3 UTP, 24AWG, 50 Pair, Gray	⚫
052-443GY	CAT3 UTP, 24AWG, 100 Pair, Gray Call for availability	⚫

Features:
- Suitable for Telephone Communication
- Multipair – Cabled together with varying layers
- 24AWG Solid Bare Copper Conductors
- PE Tape, Rip Cord
- RoHS Compliant
- ETL CMR Listed
- Supplied in 500FT / 1000FT

052-442GY

c(ETL)us Listed Intertek   RoHS

With This Product You May Need:
Punch Down Blocks and Accessories   Details: Page 81

043-SA1-100
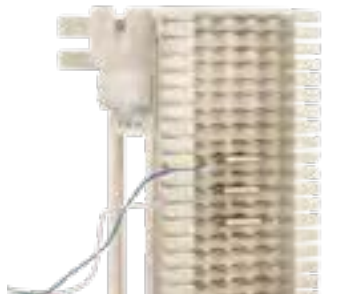
043-S66M150

043-MC425

043-S89D

FACT from CAT
Punch Down Block (also knows as quick-connect block) is named because the solid copper wires are "punched down" into short open-ended slots which are a type of insulation-displacement connector. These slots, usually cut crosswise (not lengthwise) across an insulating plastic bar, contain two sharp metal blades which cut through the wire's insulation as it is punched down. These blades hold the wire in position and make the electrical contact with the wire as well.

Coaxial Cable ▶ RG59

Type / Category	RG59
95% Braid	107-2178/WH | 107-2178/BK | 107-2176/WH | 107-2177/BK
Plenum 95% CCA	107-2318/P/WH | 107-2318/P/BK
Direct Burial, 20 AWG, 95% BC Braid	107-2175/DB/BK | 107-2179/DB/BK | 107-2313/DB/BK
Siamese 95% Bare Copper Braid with 18/2 Power Cable	107-1949WH595RB | 107-1948BK595RB | 107-1947BK591WS | 107-1946BK591WS | 107-1947WH591WS|107-2179/BK |107-2180/WH
85% CCA Bare Copper Braid with 18/2 Power Cable	107-2324/WH | 107-2322/WH | 107-2323/BK | 107-2321/BK
95% CCA Braid	107-2314/WH | 107-2180/WH | 107-2313/BK | 107-2179/BK
95% CCA Braid with Messenger	107-2179/MESG
Plenum 95% CCA Braid with 18/2 Power Cable	107-2319/P/WH | 107-2319/P/BK
Direct Burial, 20 AWG, 95% CCA Braid	107-2313/DB/BK | 107-2179/DB/BK
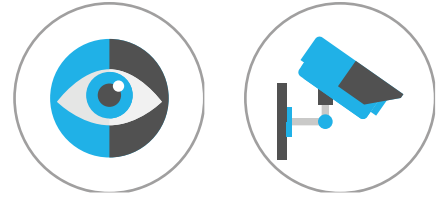
Applications:
CCTV Video Surveillance systems

KNOW YOUR COAXIAL CABLE

CCTV video signals are commonly transmitted using coaxial cable. Coaxial cable is designed to transmit the complete video frequency range with minimum distortion or attenuation, making it an excellent choice for CCTV.

It is important to select the correct cable that meets the specifications for CCTV transmission. The parameters to consider are mechanical characteristics such as the center conductor material, dielectric material, shield type and material, and jacket material. The electrical characteristics such as resistance, capacitance, impedance and attenuation are critical for proper transmission.

RG59 95% Braid for CCTV

Vertical Cable RG59 is a great choice for CCTV video surveillance systems. Just like the mini RG59, it has a bare copper conductor. This cable is available with either type of shield: a bare copper braid or a cost saving CCA braid.

107-2177/BK

PVC Jacket
95% Braid
Conductor
Dielectric
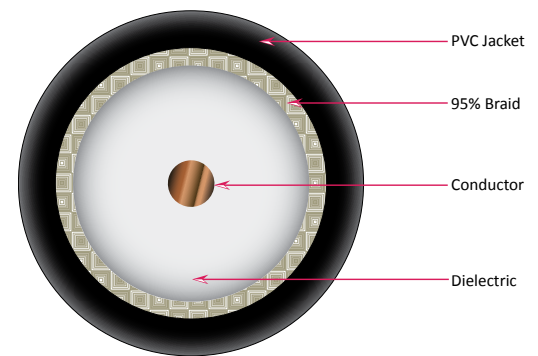
107-2177/BK

Item #	Description	
107-2177/BK	RG59, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, Black	●
107-2176/WH	RG59, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, White	○
107-2178/BK	RG59, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, Black	●
107-2178/WH	RG59, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, PVC Jacket, 1000ft, Easy Pull Box, White	○

Features:
- 20AWG Solid Bare Copper Conductor for optimal signal transmission
- 95% Bare Copper or 95% CCA Braid Coverage for optimum signal protection
- Indoor Cable Application (non-conduit per NEC) for: CCTV
- ETL Listed, RoHS Compliant, ISO9001:2008
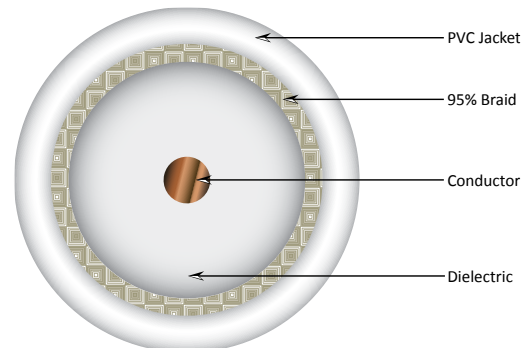- Available in 1000ft Pull Box

107-2177/BK

ETL Listed
Intertek

RoHS

RG59 Plenum, 95% CCA Braid

Vertical Cable RG59 Plenum Cable is made from flame retardant materials. This Plenum cable is designed to meet rigorous fire safety standards, and provides a cabling solution in fire prone areas. The 95% Copper Clad Aluminum Braid (CCA) is a great cost saving alternative for CCTV applications. The bare copper conductor ensures great signal quality.


PVC Jacket
95% Braid
Conductor
Dielectric

Features:
- 20AWG Solid Bare Copper Conductor for Optimal Signal Transmission
- 95% CCA Braid coverage for optimum signal protection
- Plenum Rated Jacket
- ETL Listed, RoHS Compliant
- Available in 1000ft Spool

Item #	Description	
107-2318/P/WH	RG59, CMP, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, White	○

RG59 Direct Burial, 20AWG, 95% BC Braid

Indoor RG59 Cable jackets degrade with time if placed in an outdoor environment. Vertical Cable RG59 Direct Burial cable is encased in a outdoor jacket, especially designed to withstand outdoor environment conditions, such as erosion and UV light. This cable is intended for direct burial applications. The 95% bare copper braid is flexible and durable, yet strong enough to minimize low frequency interference. The bare copper conductor ensures a quality signal.

PE Jacket
Gel Filling
95% Braid
Conductor
Dielectric
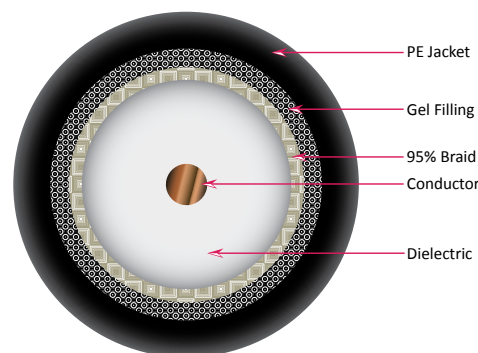
Features:
- 20AWG Solid Bare Copper Conductor
- 95% Bare Copper Braid for signal protection
- Direct Burial (Gel Coated)
- Polyethylene Jacket (PE)
- 75 Ohm Impedance
- ISO 9001:2008
- ETL Verified , RoHS Compliant
- 1000ft Spool

Item #	Description	
107-2175/DB/BK	RG59, Direct Burial, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG,1000ft Spool, Black	●

RG59 Siamese Cable 95% BC Braid with 18/2 Power Cable

The Siamese RG59 is the most convenient and efficient solution for running power and signal in the same cable. This Vertical Cable Siamese includes one RG59 with a 95% Bare Copper Braid and an 18AWG power cable. The RG59 conductor is made of bare copper.

107-1947WH591WS
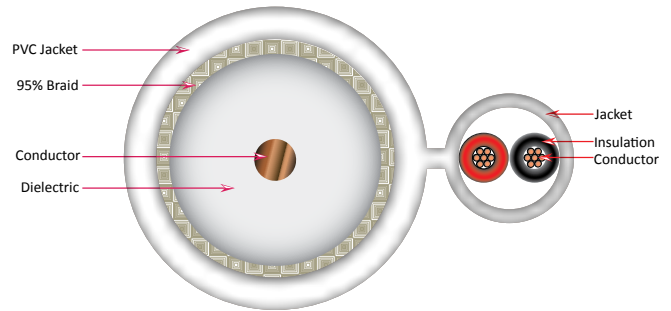
Item #	Description	
107-1946BK591WS	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 1000ft Spool, Black	●
107-1947WH591WS	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 1000ft Spool, White	○
107-1948BK595RB	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 500ft Reel in Box, Black	●
107-1949WH595RB	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% Bare Copper Braid, 20AWG, 500ft Reel in Box, White	○

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- 20AWG Solid Bare Copper Conductor
- 95% Bare Copper Braid Coverage for signal protection
- Indoor Cable Application for: CCTV
- CM Rated Jacket
- ETL Listed, RoHS Compliant, ISO 9001:2008
- 1000ft Wooden Spool or 500ft Reel in Box

107-1947WH591WS

RG59 Siamese Cable 85% CCA Braid with 18/2 Power Cable

When the installation does not require high interference protection, the 85% CCA Braid RG59 is a great cost efficient solution that gets the job done. This 85% CCA Braid RG59 comes bundled with an 18AWG power cable using a Siamese construction. Vertical Cable offers this lower cost solution for running power and signal in the same cable. The CCS Conductor is another cost saving feature of this cable.

107-2321/BK
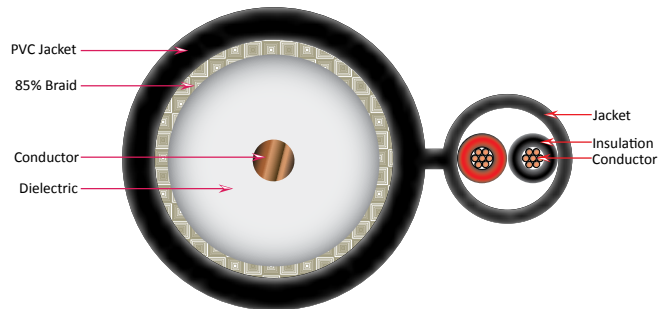
Item #	Description	
107-2321/BK	RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 1000ft, Reel in Box, Black	●
107-2322/WH	RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 1000ft, Reel in Box, White	○
107-2323/BK	RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 500ft, Pull Box, Black	●
107-2324/WH	RG59 Siamese, + 18AWG Power Cables, CCS Conductor, Shield: 85% CCA Braid, 20AWG, 500ft, Pull Box, White	○

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- Coaxial Cable for CCTV Transmissions
- 20AWG CCS Conductor
- 85% CCA Braid Coverage For Signal Protection
- CM Rated Jacket, CL2 Rated Cable
- ETL Verified, RoHS Compliant, ISO 9001:2008
- 1000ft Reel in Box or 500ft Pull Box

107-2321/BK

RG59 Siamese Cable 95% CCA Braid

Together with a quality bare copper conductor, this RG59 features a 95% Copper Clad Aluminum Braid (CCA). This is a great cost saving feature for CCTV applications. This RG59 conveniently carries power and signal in the same cable.

PVC Jacket
95% Braid
Conductor
Dielectric
Jacket
Insulation
Conductor
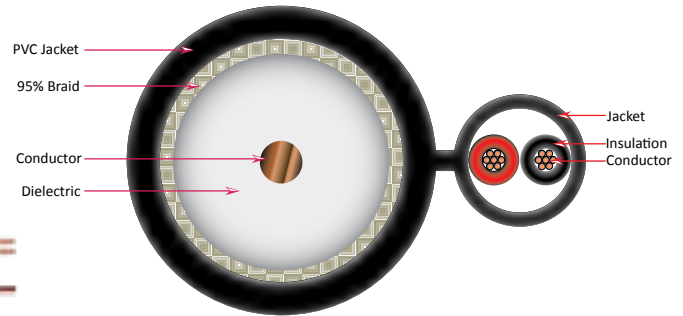
107-2179/BK

Item #	Description	
107-2179/BK	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, Black	●
107-2180/WH	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, White	○
107-2313/BK	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 500ft Box Reel, Black	●
107-2314/WH	RG59 Siamese, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 500ft Box Reel, White	○

Features:

- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- 20AWG Solid Bare Copper Conductor
- 95% CCA Braid for signal protection
- Indoor Cable Application for: CCTV
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Available in a 1000ft or 500ft Reel-in-box
- CM Rated Jacket

107-2179/BK

ETL Listed Intertek
RoHS

RG59 Siamese Cable 95% CCA Braid with Messenger

This Siamese RG59 has an added Messenger Wire for Aerial Applications. The messenger provides support and structure to the cable to prevent it from excessive bending. This cable carries power and signal together just like the regular Siamese RG59. It also has a bare copper conductor, and a 95% Copper Clad Aluminum Braid (CCA).

PVC Jacket
95% Braid
Messenger
Conductor
Dielectric
Jacket
Insulation
Conductor
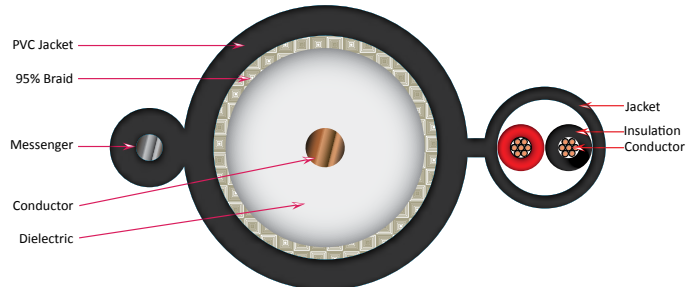
CM rated cable for indoor use

Aerial application - indoor above ground - not for outside or cell tower applications

Aerial Applications

Item #	Description	
107-2179/MESG	RG59 Siamese, W/Messenger, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, Black	●

Features:

- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables & Messenger Wire
- 20AWG Solid Bare Copper Conductor
- 95% CCA Braid for signal protection
- Steel Messenger wire
- Aerial Applications
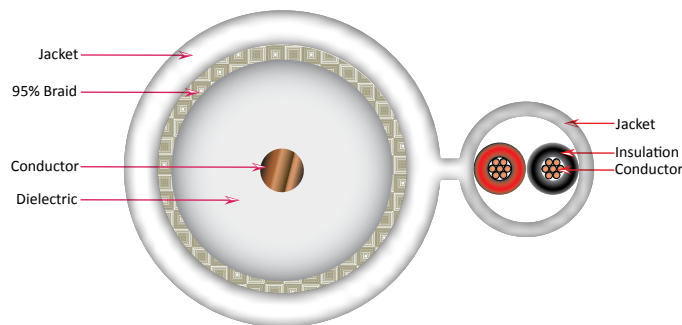- ETL Listed, RoHS Compliant, ISO 9001:2008
- CM Rated Jacket

ETL Listed Intertek
RoHS

RG59 Siamese Plenum 95% CCA Braid with 18/2 Power Cable

Vertical Cable Siamese Plenum Cable is made from flame retardant materials. The Plenum jacket is designed to meet rigorous fire safety standards. Our Siamese RG59 is the most convenient and efficient solution for running power and signal in the same cable in fire prone areas. The 95% CCA Braid provides excellent shielding from interference. The bare copper conductor further maintains the best signal transmission.

Jacket
95% Braid
Conductor
Dielectric

Jacket
Insulation
Conductor

107-2319/P/WH

107-2317/P/WH

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- 20AWG Solid Bare Copper Conductor Conductor for optimal signal transmission
- 95% CCA Braid for signal protection
- Indoor Cable Application for: CCTV
- UL Listed, RoHS Compliant, ISO 9001:2008
- Available in a 1000ft Wooden Spool

Item #	Description	
107-2319/P/BK	RG59 Siamese, + 18AWG Power Cables, CMP, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, Black	●
107-2319/P/WH	RG59 Siamese, + 18AWG Power Cables, CMP, Bare Copper Conductor, Shield: 95% CCA Braid, 20AWG, 1000ft Spool, White	○

c(UL)us LISTED   RoHS

SMILE! YOU ARE ON CAMERA :-)

RG59 Siamese CCTV cable allows installers to run both the video and power to security cameras (analog CCTV, 720p, and 1080p HD cameras) using a single cable run.

WHAT IS SIAMESE COAXIAL CABLE

RG59 Siamese cable is a heavily shielded cable which contains an RG59 COAX cable for video and a pair of 18 gauge 2 conductor power wires in siamese type jacket. The advantages to using RG59 cable for CCTV camera installation is that it is more durable than most pre-made camera cables and can be run in long distances without interference. You can also cut each cable run to the exact length that you need which makes the cabling part of the installation neat.

This is the best type of coax cable to use for CCTV and HD CCTV installations.

Note, that RG59 and RG6 cable with steel / copper clad core that is made for CATV (cable TV) should NOT be used for video surveillance installations.

RG59 Siamese, Direct Burial, 20AWG, 95% CCA Braid

Vertical Cable RG59 Direct Burial cable is encased in an outdoor rated jacket, especially designed to withstand outdoor environmental conditions, such as erosion. This cable is intended for direct burial applications. The 95% CCA braid is flexible and durable, yet strong enough to minimize low frequency interference, meeting the industry requirements for EMI shielding. The bare copper conductor ensures for a superior signal quality. This siamese cable efficiently bundles power and signal together, saving the installer precious time.

PE Jacket
Gel Filling
95% Braid
Conductor
Dielectric
Jacket
Insulation
Conductor
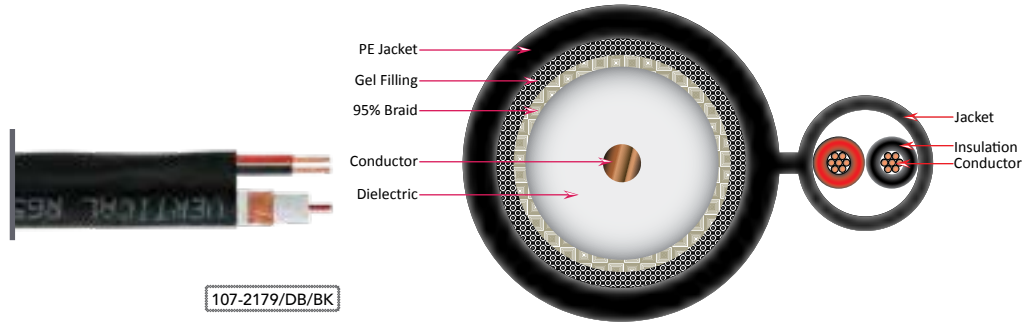
107-2179/DB/BK

Features:
- Siamese RG59 Coaxial Cable with 18AWG Stranded Power Cables
- 20AWG Solid BC Conductor
- 95% CCA Braid for signal protection
- Direct Burial (Gel Coated)
- Polyethylene Jacket (PE)
- 75 Ohm Impedance
- ETL Verified, RoHS Compliant, ISO 9001:2008
- 500ft or 1000ft Wooden Spool

107-2179/DB/BK

Item #	Description	
107-2179/DB/BK	RG59 Siamese Direct Burial, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, Gel Coated, 20AWG, CL2, Ploythylene Jacket, 1000ft Spool, Black	●
107-2313/DB/BK	RG59 Siamese Direct Burial, + 18AWG Power Cables, Bare Copper Conductor, Shield: 95% CCA Braid, Gel Coated, 20AWG, CL2, Ploythylene Jacket, 500ft Box Reel, Black	●

With This Product You May Need:

083-1040/CR/B — After crimping

083-1045/PCPBNC

083-1043/CP/BNC

078-1018 Terminates RCA, BNC, RG59, RG6

078-2156 Coaxial Stripper

078-1024 Cuts wire up to 0.42-10.7mm

	RG6	
Conductor Type / Shield	Standard	Quad
CCS	107-1957WH6SR | 107-1956BK6SR 107-1237WH6S1BX | 107-1234BK6S1BX 107-1236WH6S500 | 107-1235BK6S500 107-1237WH6S1RB | 107-1234BK6S1RB	107-1953WH6Q1BX | 107-1952BK6Q1BX 107-1955WH6Q500 | 107-1954BK6Q500 107-1952BK6Q1WS
BC	107-2312/WH | 107-2311/BK/RB 107-2311/BK	107-2310/WH | 107-2309/BK 107-2327/5WH | 107-2326/5BK
CCS with Messenger	107-1233BK/MESG	
CCS Plenum	107-2316/P/WH | 107-2316/P/BK	107-2315/P/WH | 107-2315/P/BK
CCS Direct Burial	107-1234/DB/6S	107-1952/DB/6Q
Dual Cable Siamese CCS	107-2320/6DSBX	
CCS Siamese with 18/2 Power Cables	107-2181/BK	
CCS Direct Burial Siamese with18AWG Power Cables	107-2181/DB/BK	

Applications:
Digital HDTV Applications, CATV and Digital Satellite Installations

KNOW YOUR RG6 CABLE

RG6 is a common type of coaxial cable used in a wide variety of residential and commercial applications. The term "RG6" itself is quite generic and refers to a wide variety of cable designs, which differ from one another in shielding characteristics, center conductor composition, and dielectric type. RG6 was originally a military spec where "RG" meant Radio Guide and "6" referred to the sixth page in the Guide. Currently, the "Radio Guide" terminology is obsolete. In today's practice, the term "RG6" is generally used to refer to coaxial cables with an 18 AWG center conductor and 75 ohm characteristic impedance.

RG6 Standard Shield CCS

In comparison to its RG59 counterpart, the RG6 has a thicker, lower resistance conductor, giving it the ability to carry high frequency signals. This makes it the choice cable for CATV applications. The Vertical Cable RG6 Standard Shield features an Aluminum Foil shield and a 60% Aluminum Braid Shield, which reduces EMI.

PVC Jacket
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric
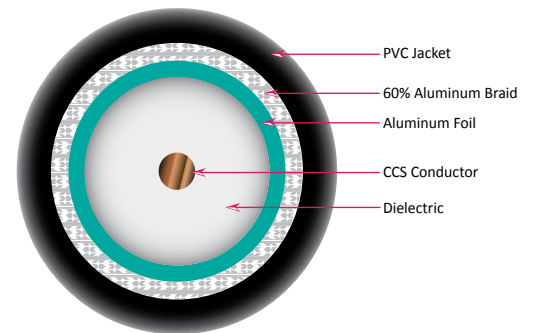
| Item #	Description	
107-1235BK6S500	RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75OHM, 500ft Pull Box, Black	●
107-1236WH6S500	RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75OHM, 500ft Pull Box, White	○
107-1234BK6S1BX	RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75OHM, 1000ft Pull Box, Black	●
107-1237WH6S1BX	RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75OHM, 1000ft Pull Box, White	○
107-1956BK6SR	RG6, CCS Conductor, CMR, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75OHM, 1000ft Pull Box, Black	●
107-1957WH6SR	RG6, CCS Conductor, CMR, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75OHM, 1000ft Pull Box, White	○

Features:
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Copper-Clad Steel Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Fully Sweep Tested to 3000MHz
- CM, CATV, CL2
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box

ETL Listed Intertek
RoHS

RG6 Standard Shield BC

This Vertical Cable RG6 features the same shielding as the RG6 CCS. Bare copper center conductor has better signal capabilities.
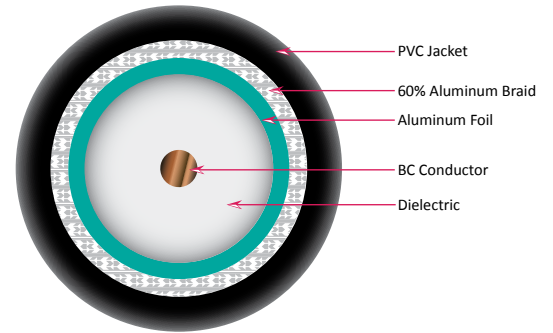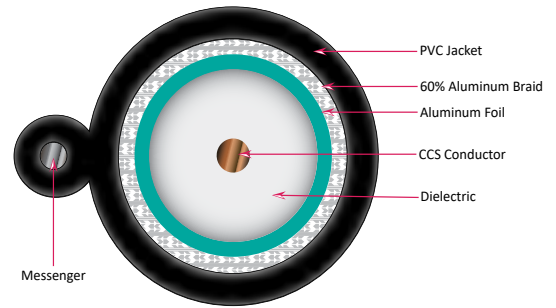
PVC Jacket
60% Aluminum Braid
Aluminum Foil
BC Conductor
Dielectric

Item #	Description	
107-2311/BK	RG6, Bare Copper Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft, Pull Box, Black	●
107-2311/BK/RB	RG6, Bare Copper Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft, Reel in Box, Black	●
107-2312/WH	RG6, Bare Copper Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft, Pulll Box, White	○

Features:

- High-Grade RG6 Coaxial Cable Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Bare Copper Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Fully Sweep Tested to 3GHz
- CM, CATV, CL2
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box or Reel in Box

Intertek   RoHS

RG6 Standard Shield CCS (CM)

This cable features a cost saving CCS conductor. It also has a Standard Shield, consisting of an Aluminum Foil and a 60% Aluminum Braid.
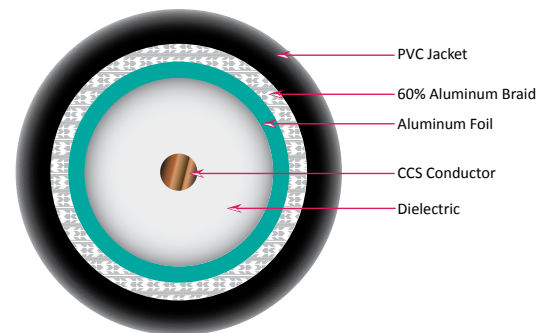
PVC Jacket
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

Item #	Description	
107-1234BK6S1RB	RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, CM, 18AWG, 1000ft, Reel-in-Box, Black	●
107-1237WH6S1RB	RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, CM, 18AWG, 1000ft, Reel-in-Box, White	○

Features:

- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Copper-Clad Steel Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Fully Sweep Tested to 3GHz
- CM, CATV
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Reel in a Box

Intertek   RoHS

Coaxial Cable ▶ RG6

RG6 Standard Shield CCS With Messenger

This Vertical Cable Standard Shield RG6 features a Messenger wire for added structural strength. Additionally this cable features a cost saving CCS conductor. This cable is very well suited for Aerial Applications.
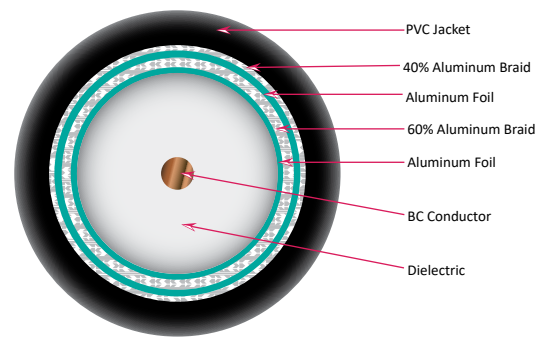

Labels (cross-section): PVC Jacket, 60% Aluminum Braid, Aluminum Foil, CCS Conductor, Dielectric, Messenger

Features:
- High-Grade RG6 Coaxial Cable with Messenger (Aerial Installations)
- 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- 75 Ohm Impedance
- PVC Jacket, CM Rated
- ETL Listed, RoHS Compliant, ISO 9001:2008
- 1000ft Reel Box

Item #	Description	
107-1233BK/MESG	RG6, W/ Messenger, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft Reel in Box, Black	●

RG6 Quad Shield BC

Vertical Cable Quad Shield RG6 features 4 layers of shielding: Aluminum Foil, a 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid. These provide the ultimate protection from EMI. The bare copper conductor is another superior feature that adds to the quality of the signal.

Labels (cross-section): PVC Jacket, 40% Aluminum Braid, Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, BC Conductor, Dielectric

Features:
- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 18AWG Solid Bare Copper Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- Fully Sweep Tested to 3GHz
- CM, CATV, CL2
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Pull Box

3.0 GHz Sweep Tested

Item #	Description	
107-2326/5BK	RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 500ft, Pull Box, Black	●
107-2327/5WH	RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 500ft, Pull Box, White	○
107-2309/BK	RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft, Pull Box, Black	●
107-2310/WH	RG6, Bare Copper Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft, Pull Box, White	○

RG6 Quad Shield CCS

The Vertical Cable RG6 Quad Shield maintains quality shield coverage, while providing a cost saving alternative for the conductor. This particular conductor is made from Copper Clad Steel instead of Bare Copper.

Labels: PVC Jacket / 40% Aluminum Braid / Aluminum Foil / 60% Aluminum Braid / Aluminum Foil / CCS Conductor / Dielectric
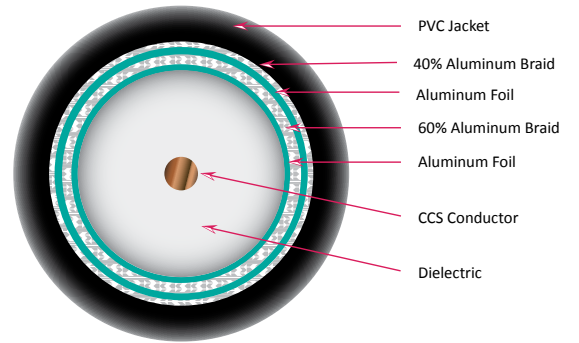
Item #	Description	
107-1954BK6Q500	RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 500ft Pull Box, Black	●
107-1955WH6Q500	RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 500ft Pull Box, White	○
107-1952BK6Q1BX	RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft Pull Box, Black	●
107-1953WH6Q1BX	RG6, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft Pull Box, White	○

Features:
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV applications, CATV, TV antenna and Satellite TV
- 18AWG Copper Clad Steel Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- Sweep Tested to 3GHz
- CM, CL2 Rated
- ETL Listed, RoHS Compliant, ISO 9001:2008ISO
- Supplied in 1000ft Pull Box

3.0 GHz Sweep Tested

Get Your Tools

Compression/Crimping Tool
078-1018

Universal Stripping Tool
078-1022

Cable Cutter (Up to 0.42/10.7mm)
078-1024

RG6 Standard Shield CCS Plenum

This Standard Shield RG6 features a Plenum jacket, which, in comparison to the regular jacket, is made from flame retardant materials. Vertical Cable Plenum cable is designed to meet rigorous fire safety standards, and provides an excellent cabling solution for fire prone areas. This Standard Shield RG6 cable features a cost saving CCS Conductor.
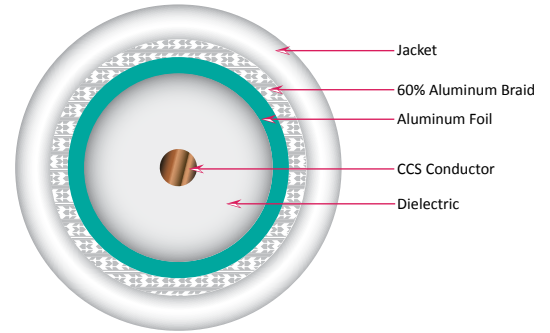
Jacket
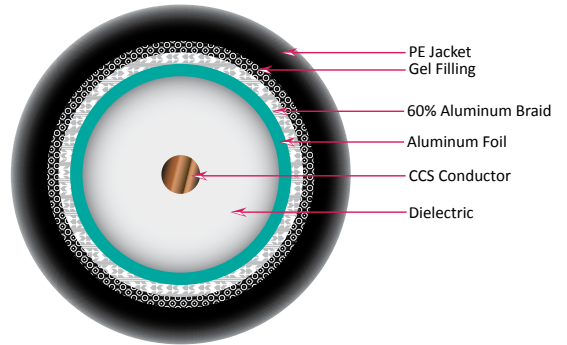60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

3.0 GHz
Sweep Tested

Features:

- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellites
- 18AWG Solid CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- CMP Rated (Plenum)
- UL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Wooden Spool

Item #	Description	
107-2316/P/BK	RG6, CMP, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, Black	●
107-2316/P/WH	RG6, CMP, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, White	○

RG6 Quad Shield CCS Plenum

In addition to the superior Quad Shield RG6, this Vertical Cable product features a Plenum jacket made from flame retardant materials. Our Plenum cables are designed to meet rigorous fire safety standards, and provide an excellent cabling solution for fire prone areas. This Quad Shield RG6 cable features a cost saving CCS Conductor.
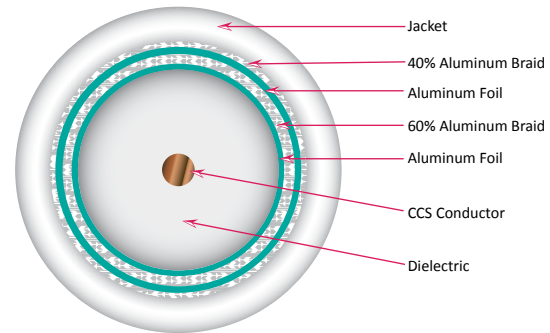
Jacket
40% Aluminum Braid
Aluminum Foil
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

3.0 GHz
Sweep Tested

Features:

- High-Grade RG6 Coaxial Cable
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellite
- 18AWG Solid CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- CMP Rated
- UL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Wooden Spool

Item #	Description	
107-2315/P/BK	RG6, CMP, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, Black	●
107-2315/P/WH	RG6, CMP, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 18AWG, 75 OHM, 1000ft Spool, White	○

RG6 Standard Shield CCS Direct Burial

The Vertical Cable RG6 Standard Shield Direct Burial is encased in a gel coated outdoor jacket, especially designed to withstand outdoor conditions, such as erosion, water. This cable is designed for direct burial applications. As always, the Standard Shield includes an Aluminum Foil and a 60% Aluminum Braid. This RG6 features a cost saving CCS conductor.
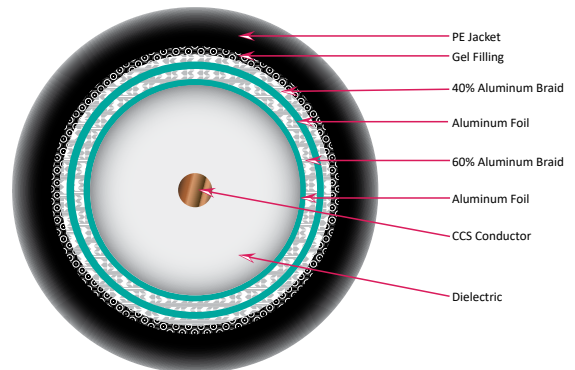
PE Jacket
Gel Filling
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

3.0 GHz
Sweep Tested

Features:
- High-Grade RG6 Direct Burial
- 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- 75 Ohm Impedance
- Polyethylene (PE) Jacket
- Direct Burial (Gel Filled)
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Wooden Spool

Item #	Description
107-1234/DB/6S	RG6, Direct Burial, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, Gel Filling, ● 18AWG, 3.0 GHz,1000ft Spool, Black

ETL Intertek   RoHS

RG6 Quad Shield CCS Direct Burial

This Vertical Cable RG6 features a quad shield consisting of Aluminum Foil, 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid. This feature increases protection from EMI. This cable is also gel coated and made to withstand moisture. It is designed for direct burial applications.

PE Jacket
Gel Filling
40% Aluminum Braid
Aluminum Foil
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

3.0 GHz
Sweep Tested

Features:
- High-Grade RG6 Quad Shield Direct Burial
- 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- 75 Ohm Impedance
- Polyethylene Jacket (PE)
- Direct Burial (Gel Coated)
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

Item #	Description
107-1952/DB/6Q	RG6, Direct Burial, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, ● Aluminum Foil, 40% Aluminum Braid, Gel Coated, 18AWG, 3.0 GHz, 1000ft Spool, Black

ETL Intertek   RoHS

RG6 Standard Shield - Dual Cable Siamese CCS

The Vertical Cable Dual Standard Shield RG6 is a convenient, time saving solution for running multiple RG6 cables along side each other. As usual, the Standard Shield features Aluminum Foil and a 60% Aluminum Braid in each cable. This dual RG6 also features a cost saving CCS conductor, and a quality PVC jacket.

PVC Jacket
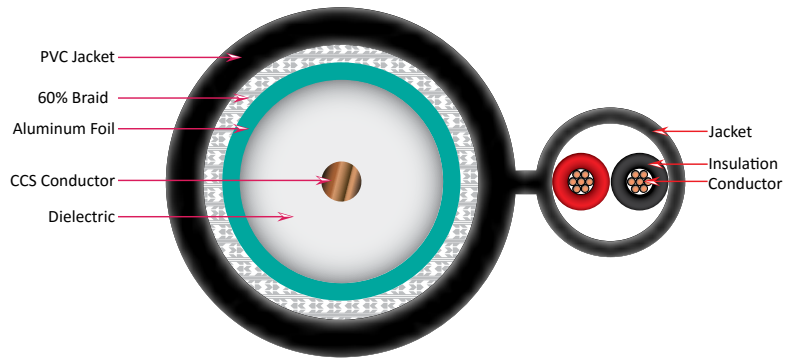60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

3.0 GHz
Sweep Tested
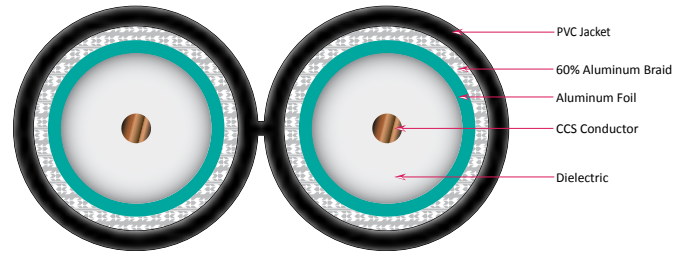
Features:
- High-Grade Dual RG6
- 18AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Dual Coaxial Cable
- Swept Tested to 3.GHz
- 75 Ohm Impedance
- PVC Jacket
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 500ft Pull Box

Item #	Description	
107-2320/6DSBX	Dual RG6, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 3.0 GHz, 500ft, Pull Box, Black	●

RG6 Standard Shield CCS Siamese with 18/2 Power Cables

The Siamese RG6 is another efficient solution for running power and signal in the same cable. This Siamese includes one RG6 and 18AWG power cables. The dual shield is made from Aluminum Foil and with a denser 60% Aluminum Braid to protect from interference.

PVC Jacket
60% Braid
Aluminum Foil
CCS Conductor
Dielectric
Jacket
Insulation
Conductor

Features:
- High-Grade Siamese RG6 Coaxial Cable with One Pair of 18AWG Power Cable
- RG6: 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Power: 18AWG BC Conductor
- Indoor Cable Application for: CCTV
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

Item #	Description	
107-2181/BK	RG6 Siamese, + 18AWG Power Cables, CCS Conductor, Dual Shield: Aluminum Foil, 60% Aluminum Braid, 18AWG, 1000ft Spool, Black	●

RG6 Standard Shield CCS Direct Burial Siamese with 18AWG Power Cables

This Siamese cable features an outdoor jacket for direct burial applications. This Vertical Cable product features a dual shield consisting of an Aluminum Foil and a 60% Aluminum Braid for better protection on quad shield varients. The conductor is made from CCS.

PVC Jacket
Gel Filling
Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

Jacket
Insulation
Conductor
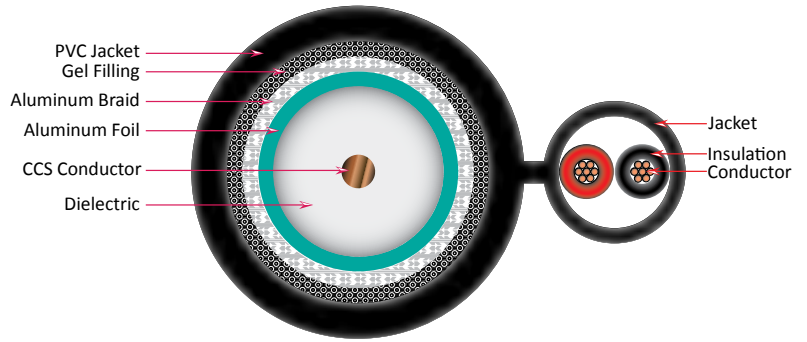
Features:
- High-Grade Siamese RG6 Direct Burial with a pair 18AWG Power Cables
- RG6: 18AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Gel Coated (Direct Burial)
- 75 Ohm Impedance
- Power: 18AWG BC Conductors
- Polythylene Jacket
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

Item #	Description	
107-2181/DB/BK	RG6 Siamese Direct Burial, + 18AWG Power Cables, CCS Conductor, Shield: Aluminum Foil, 60% Aluminum Braid, Gel Filled, 18AWG, 1000ft Spool, Black	●

RG6 STANDARD SHIELD

083-1041/CP/S

083-1041/S

083-1041/PCP/S

RG6 QUAD SHIELD

083-1042/CP/Q

083-1042/Q

083-1042/PCP/Q

ADD-ON TOOLS

078-1018
Terminates RCA, BNC, RG59, RG6

078-2156
Coaxial Stripper

Coaxial Cable ▶ RG11

RG11		
Type / Shield	Standard	Quad
CCS	107-1032BK/R11	107-1032BK/R11Q
CCS Direct Burial	107-1032/DB/R11	107-1032/DB/R11Q
CCS Plenum	107-1034/R11PBK	

Add these items:

078-1019 Terminates RG11

083-1044/CPRG11

RG11 Standard Shield CCS

The RG11 has less attenuation, or the degree at which signal quality is lost. For jobs that demand an extra fine signal over long distances, rely on the RG11. The RG11 is used for antenna connections and HDTV applications. As in the RG6 our RG11 features a Standard Shield: (1) Aluminum Foil & (2) a 60% Aluminum Braid.

PVC Jacket
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

Item #	Description	
107-1032BK/R11	RG11, CCS Conductor, Shield: Aluminum Foil, 60% Aluminum Braid, 14AWG, CL2 Rated, 1000ft Spool, Black	●
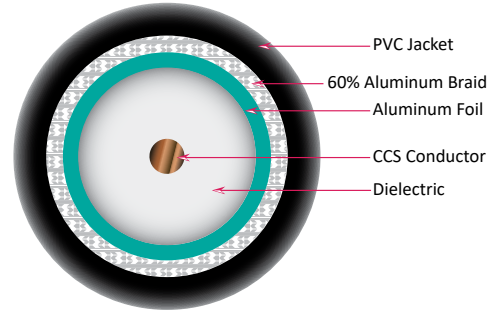
Features:

- High-Grade RG11 Standard Shield
- 14AWG CCS Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- 75 Ohm Impedance
- PVC Jacket
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

ETL Listed Intertek   RoHS

RG11 Quad Shield CCS

Vertical Cable Quad Shield RG11 adds onto the Standard Shield RG11. The quad shield further protects this cable from electric and magnetic fields that may interfere with the signal. Just like in the RG6, the four shields are: Aluminum Foil, a 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid.

PVC Jacket
40% Aluminum Braid
Aluminum Foil
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric

Item #	Description	
107-1032BK/R11Q	RG11, CCS Conductor, Quad Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid, 14AWG, CL2, CM, PVC Jacket, 1000ft Spool, Black	●
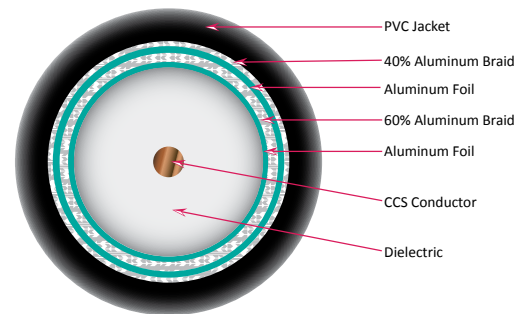
Features:

- High-Grade RG11 Quad Shield
- 14AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- 75 Ohm Impedance
- Meets NEC Article 820 V Rating
- ETL Listed, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

ETL Listed Intertek   RoHS

RG11 Standard Shield CCS Direct Burial

As with other Vertical Cable Outdoor Coaxial Cables, this RG11 features a high grade outdoor rated jacket and is gel filled to block out water. This cable includes a cost saving CCS conductor as well as the Standard Shield consisting of Aluminum Foil and a 60% Aluminum Braid. This RG11 is designed for direct burial applications.

PE Jacket
Gel Filling
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric
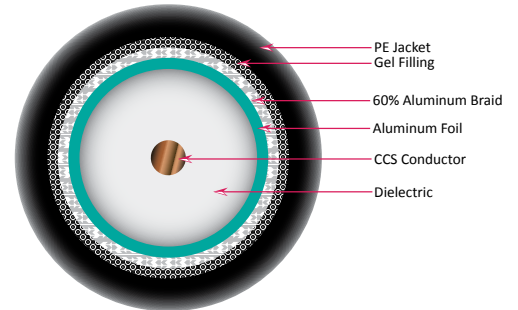
Item #	Description	
107-1032/DB/R11	RG11 Direct Burial, CCS Conductor, Dual Shield: Aluminum Foil, 60% Braid, Gel Filled, 14AWG, CL2,PE Jacket, 1000ft Spool, Black	●

Features:
- High-Grade RG11 Direct Burial
- 14AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid
- Direct Burial Gel Filled
- 75 Ohm Impedance
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

ETL Intertek   RoHS

RG11 Quad Shield CCS Direct Burial

Just as its RG6 counterpart, the Direct Burial RG11 is available with a Quad Shield. This cable features a cost saving CCS conductor as well as four shields consisting of Aluminum Foil, a 60% Aluminum Braid, another Aluminum Foil, and a 40% Aluminum Braid. This RG11 is designed for direct burial applications.

PE Jacket
Gel Filling
60% Aluminum Braid
Aluminum Foil
CCS Conductor
Dielectric
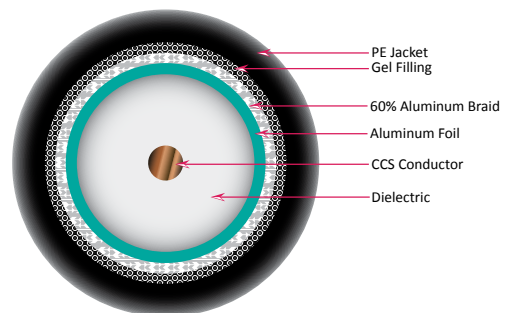
Item #	Description	
107-1032/DB/R11Q	RG11 Direct Burial, CCS Conductor, Quad Shield: Aluminum Foil, 60% Braid, Aluminum Foil, 40% Aluminum Braid, Gel Filled, 14AWG, PE Jacket, 1000ft Spool, Black	●

Features:
- High-Grade RG11 Direct Burial
- 14AWG CCS Solid Conductor
- Shield: Aluminum Foil, 60% Aluminum Braid, Aluminum Foil, 40% Aluminum Braid
- Direct Burial Gel Filled
- 75 Ohm Impedance
- ETL Verified, RoHS Compliant, ISO 9001:2008
- Supplied in 1000ft Spool

ETL Intertek   RoHS

Bundled Cable

Type / Category	CAT5E	2*CAT5E	CAT6	2*CAT6	2*CAT5E + 2*Multi-Fiber	RG59	RG6
16/4 Audio	294-2173						
18/2 Power Siamese	294-2177		294-2178			107-2180/WH (Check more in Coax section)	107-2181/BK & 107-2181/DB/BK (Direct Burial)
CAT5E	294-2175						
CAT6			294-2176				
RG6 Standard Shield	294-2181						
2*RG6 Standard Shield		294-2182					
RG6 Quad Shield	294-2172	294-2179					
2*RG6 Quad Shield		294-2170		294-2171	294-2174		

KNOW HOW TO BUNDLE

Access controls, CCTV cameras, audio, and data applications all at once.

CAT5E BUNDLED OPTIONS

16/4 Audio+CAT5E=294-2173
18/2 Power Siamese+CAT5E=294-2177
CAT5E+CAT5E (Siamese)=294-2175
RG6 Standard Shield+CAT5E=294-2181
RG6 Quad Shield+CAT5E=294-2172
RG6 Standard Shield+TWO CAT5E=294-2179
TWO RG6 Standard Shield+TWO CAT5E=294-2182
TWO RG6 Quad Shield+TWO CAT5E=294-2170
TWO RG6 Quad Shield+TWO CAT5E+TWO Multi-Fiber=294-2174

CAT6 BUNDLED OPTIONS

18/2 Power Siamese+CAT6=294-2178
CAT6+CAT6 (Siamese)=294-2176
TWO RG6 Quad Shield+TWO CAT6=294-2171

RG59 & RG6 BUNDLED OPTIONS

18/2 Power Siamese+RG59=107-2180/WH
18/2 Power Siamese+RG6=107-2181/BK
18/2 Power Siamese+RG6=107-2181/DB/BK (Direct Burial)
More options:
RG59: pages 38-41
RG6: pages 48-49

Bundled Cable: CAT5E with 16/4 Audio (CMR)

Vertical Cable Bundled Cables are designed for convenience and efficiency. This cable combines our standard 350MHz CAT5E (350MHz) with a 16/4 Audio Cable in one siamese cable. Save installation time, and improve cable organization with this bundled cable. The jacket is Riser Rated.
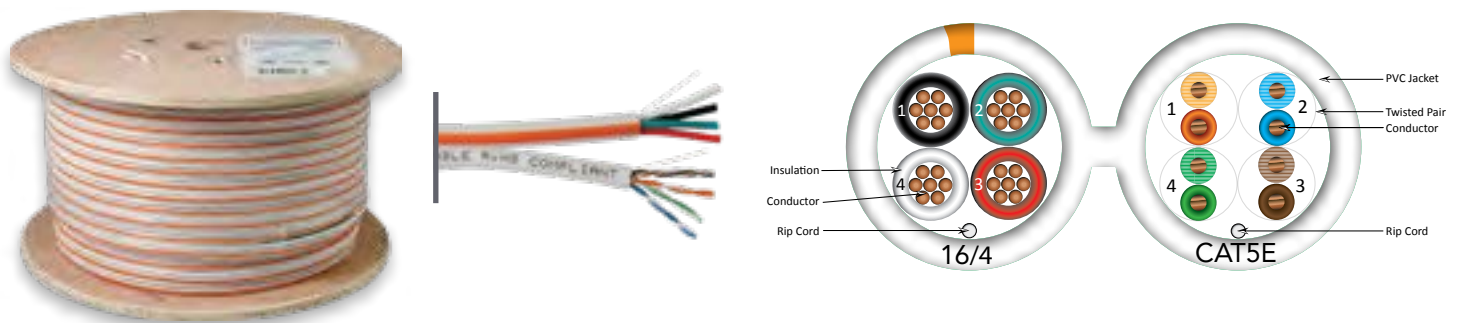
Item #	Description
294-2173	Bundled Cable, 1 x 350 MHz Cat5E (UTP) with 4C x 16AWG, PVC Jacket, 500ft, Wooden Spool, White

Features:

- **CAT5E Unshielded Twisted Pair (UTP) Cable**
- High-Performance CAT5E Data Communications Cable
- Suitable for 350MHz High-Speed Data Applications, Gigabit Ethernet, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Designed for Indoor Installations, CMR Rated Jacket
- 4-Pair – Easily Identified Color-Striped Pairs
- **16AWG 4 Conductor Speaker Cable**
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801 specifications
- ETL listed, RoHS Compliant
- Supplied in 500ft Wooden Spool

Bundled Cable: CAT5E with 18/2 Power Siamese (CMR)

The Vertical Cable Siamese CAT5E conveniently combines data with adjoined power. This cable houses our standard CAT5E (350MHz) with a 18/2 Power Cable in a siamese type.
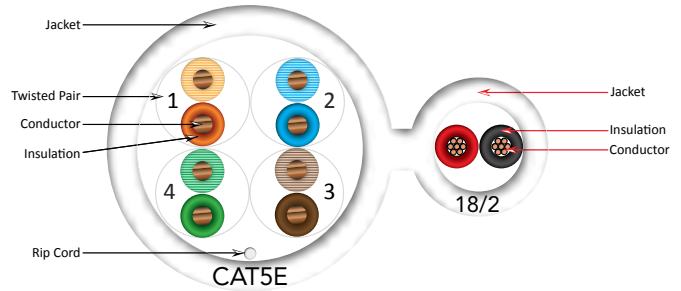
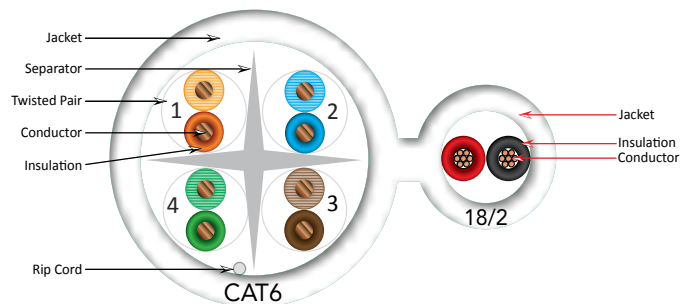| Item #	Description	
294-2177	Bundled Cable, Category-5E (350MHz) with 18/2 Siamese, 24AWG, UTP, Solid Bare Copper, CMR Rated, PVC Jacket, 500ft, Wooden Spool, White	○

Features:

- **Category-5E Unshielded Twisted Pair**
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications
- 24AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- **18AWG Stranded Cables**
- Riser Rated Siamese PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 500ft Wooden Spool

Bundled Cable: CAT6 with 18/2 Power Siamese (CMR)

The same features that come with the CAT5E Siamese Cable, are also available with CAT6. This cable combines our standard CAT6 (550MHz) with a 18/2 Power Cord all in one Siamese cable. Save installation time and improve cable organization by combining your data and power in one cable. This jacket is also PVC Riser Rated.

Item #	Description	
294-2178	Bundled Cable, CAT6 (550MHz) with 18/2 Siamese, 23AWG, UTP, Solid Bare Copper, CMR Rated, PVC Jacket, 500ft, Wooden Spool, White	○

Features:

- **Category-6 Unshielded Twisted Pair**
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- 23AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- **18AWG Stranded Power Cables**
- Riser Rated Siamese PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 500ft Wooden Spool

Bundled Cable: RG6 Quad Shield CCS with CAT5E

Run your ethernet and TV cables along side each other with Vertical Cable Composite RG6 and CAT5E. This cable combines our Cat5E (350Mhz) together with one RG6 Quad Shield all in one Siamese-style constructed cable. This cable is a convenient time saver for certain applications, such as, digital HDTV, outdoor TV antennae, and digital satellite installations The quality jacket is Riser Rated.
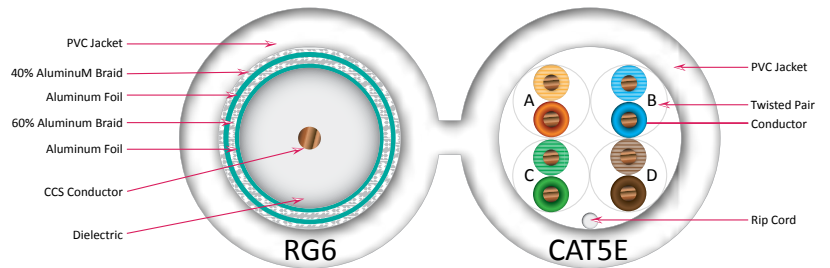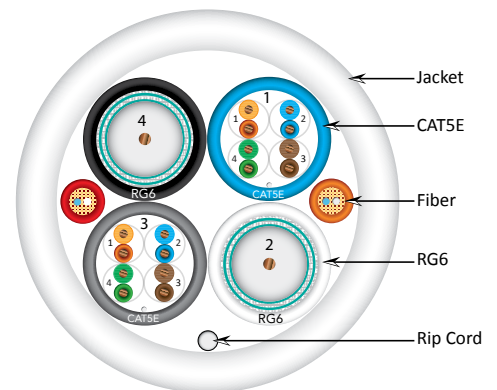

Features:
- **Category-5E Unshielded Twisted Pair (UTP) Cable**
- High-Performance CAT5E Data Communications Cable
- Designed for Indoor Installations, CMR Rated Jacket
- 4-Pair – Easily Identified Color-Striped Pairs
- 24AWG Solid Bare Copper Conductors
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801 specifications
- **High-Grade RG6 Quad Shield Coaxial Cable**
- 18AWG Solid Copper-Clad Steel
- 500ft Wooden Spool
- ETL, RoHS Compliant

Item #	Description	
294-2172	1 x RG6 (CCS) Quad Shield with 1 x CAT5E, 350Mhz, 24AWG, UTP, Solid, PVC Jacket, 500ft Wooden Spool, White	○

Bundled Cable: 2x RG6 Quad Shield CCS, 2x CAT5E, 2x Multi-Fiber

Save installation time, get organized, and prepare every outlet for fiber optic use. Just like other Vertical Cable Bundled Cables, this Composite is made for convenience, efficiency, and value. The cable houses two CAT5E, RG6s Quad Shield, and two Fibers Optic Cords. The jacket has the high grade Riser Rating.

Features:
- **Category-5E Unshielded Twisted Pair (UTP) Cable**
- High-Performance Cat5E Data Communications Cable
- Suitable for 350MHz High-Speed Data Applications,
- Gigabit Ethernet, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Designed for Indoor Installations, (CMR) Riser
- 4-Pair – Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801 specifications
- 24AWG Solid Bare Copper Conductors
- **High-Grade RG6 Quad Shield Coaxial Cable**
- Suitable for Digital HDTV Applications, CATV, Outdoor TV Antennas and Digital Satellite Installations
- 18AWG Solid Copper-Clad Steel
- Sweep-Tested to 3GHz
- **Multimode Fiber (2 Cores)**
- ETL Listed, RoHS Compliant
- 500ft Wooden Spool

Item #	Description	
294-2174	Bundled Cable, 2 x RG6 (CCS) Quad Shield with 2 x 350 MHz CAT5E (UTP) 2X Multi-Fiber, 500ft Wooden Spool, White	○

Bundled Cable: 2xRG6 Quad Shield CCS with 2xCAT5E

Run twice as many ethernet and coaxial cables along side each other with Vertical Cable Bundle Solutions. This cable houses two CAT5E cables and two RG6 (Quad Shield) cables all in one bundle cable. This cable is a double time saver for certain installations. The jacket is Riser Rated.
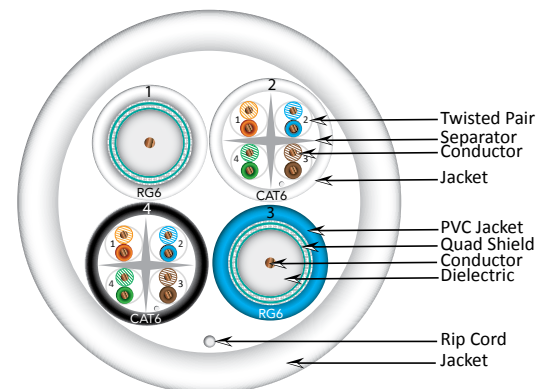

Jacket
CAT5E
RG6
Rip Cord
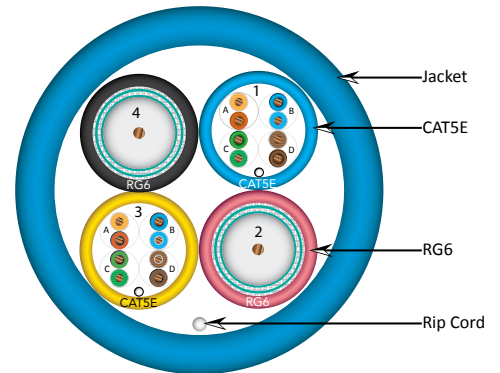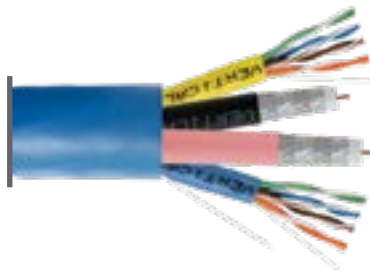
Features:
- CMR Rated, c(ETL)US
- ETL Verified, RoHS Compliant
- Supplied in 500ft Spool
  CAT5E UTP Cable
- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications
- 24AWG Solid Bare Copper Conductors
- ANSI/TIA 568C.2, ISO/IEC-11801
  RG6 Coaxial Cable
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV, CATV

Item #	Description	
294-2170	2 x RG6 (CCS) Quad Shield with 2 x CAT5E, 350Mhz, 24AWG, UTP, Solid, PVC Jacket, 500ft, Wooden Spool, Blue	●

ETL Listed c(ETL)US Intertek

RoHS

Bundled Cable: 2x RG6 Quad Shield CCS with 2x CAT6

For less crosstalk in ethernet applications use Vertical Cable CAT6. This cable houses two CAT6 550MHz and two RG6 Quad Shield coax cable. This cable is a double time saver for ethernet/TV installations. The jacket is also Riser Rated.

Twisted Pair
Separator
Conductor
Jacket
PVC Jacket
Quad Shield
Conductor
Dielectric
Rip Cord
Jacket

Features:
- CMR Rated, c(ETL)US
- ETL Verified, RoHS Compliant
- 500ft Wooden Spool
  CAT6 UTP Cable
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- 23AWG Solid Bare Copper Conductors
- ANSI/TIA 568C.2, ISO/IEC-11801
  RG6 Coaxial Cable
- High-Grade RG6 Quad Shield
- Suitable for Digital HDTV, CATV

Item #	Description	
294-2171	2 x RG6 (CCS) Quad Shield with 2 x CAT6 550 MHz 23AWG (UTP) White	○

ETL Listed c(ETL)US Intertek

RoHS

Bundled Cable: 2x CAT5E Siamese Style

CAT5E 350MHz Bulk Cable is the industry standard for data communication applications. Save installation time and get organized with the siamese type CAT5E cable . The two cables are joined together using a Siamese style construction. Additionally, the jacket is made out of quality Riser Rated material.
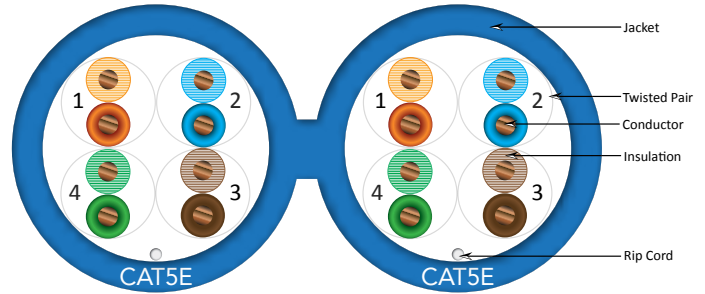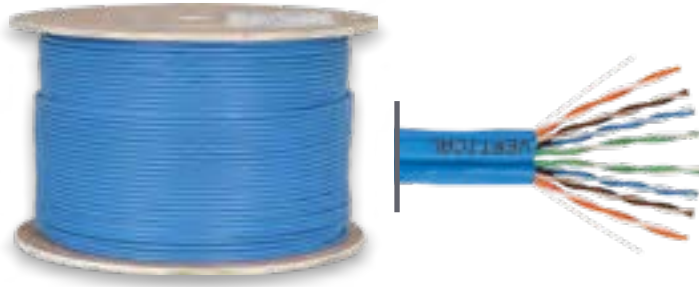
| Item #	Description	
294-2175	Category-5E (350 MHz) Dual, Siamese Style, 24AWG, UTP, 8C Solid Bare Copper, CMR Rated, PVC Jacket, 1000ft, Wooden Spool, Blue	●

Features:

- High-Performance Data Cable
- 350MHz Bandwidth for Data Applications
- Category-5E Unshielded Twisted Pair
- 24AWG Solid Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- Riser Rated PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

Vertical Cable
Products are
tested and verified
by ETL & UL

Bundled Cable: 2x CAT6 Siamese Style

CAT6 550MHz PVC Bulk Cable provides even higher performance than our CAT5E Cable, further reducing crosstalk. The cable includes a divider that separates the twisted pairs from one another. CAT6 is standard for Gigabit Ethernet installations. Save time and improve organization by installing this Bundled Cable. The cables are joined together using a Siamese-style construction. Run two cables with one pull. The jacket is high grade Riser Rated.
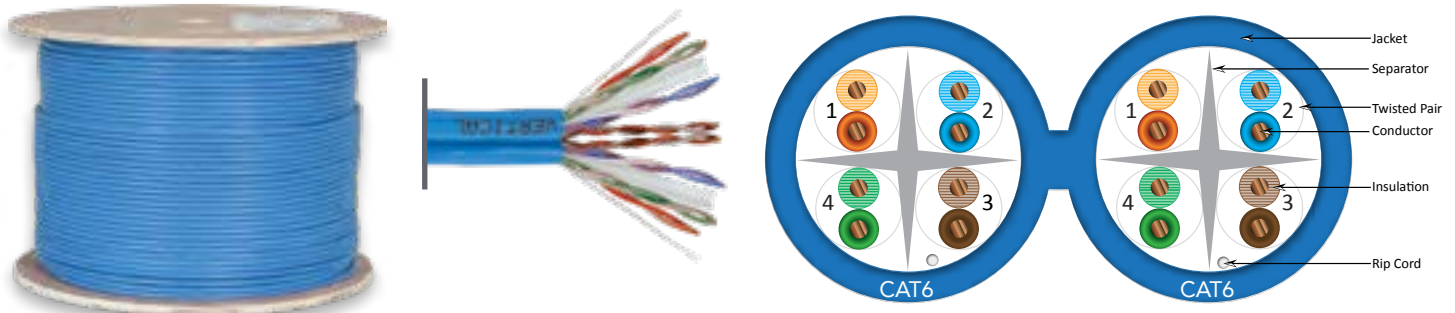
Item #	Description	
294-2176	Category-6 Dual, Siamese Style, 23AWG, UTP, 8C Solid Bare Copper, CMR Rated, PVC Jacket, 1000ft, Blue	●

Features:
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications
- Category-6 Unshielded Twisted Pair
- 23AWG Solid Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds ANSI/TIA 568C.2, ISO/IEC 11801
- Riser Rated PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool

OSHA's Nationally Recognized Testing Laboratory (NRTL) Program

Recognizes private sector organizations to perform certification for certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards. Each NRTL has a scope of test standards that they are recognized for, and each NRTL uses its own unique registered certification mark(s) to designate product conformance to the applicable product safety test standards. After certifying a product, the NRTL authorizes the manufacturer to apply a registered certification mark to the product. If the certification is done under the NRTL program, this mark signifies that the NRTL tested and certified the product, and that the product complies with the requirements of one or more appropriate product safety test standards.
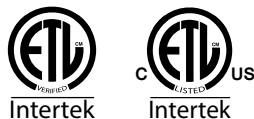
Cabling Products Testing
Intertek is the industry leader in providing cabling testing services for a wide range of products, including cables, connectivity components, and fiber.

From specialized performance and association testing, to independent verification of installed cabling products, Intertek provides a suite of services addressing the needs of manufacturers, contractors, facility managers and distributors.
Intertek houses a number of specialized chambers and equipment to meet your testing needs - from the typical to the extreme.

UL supports your drive to enhance product quality and safety, access global markets and clearly differentiate your products in the marketplace. Service includes the rigorous assessments that manufacturers, installers, brand owners, retailers, regulatory bodies and consumers have come to expect from UL.

UL evaluates 70+ different wire and cable product categories to national and international standards for safety, performance, quality, environmental impact and regulatory compliance as required for markets in North America, Latin America, Middle East, Europe and Asia.

Audio Cable
High Strand Audio Cable | CMR CL3
209 Series | 309 Series - Made in USA
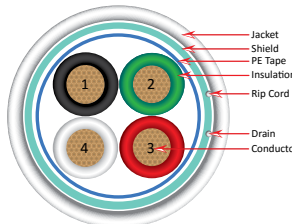
PVC Jacket, UNSHIELDED

Gauge	12AWG		14AWG			
Conductors	2	4	2	4	2	4
Strand	65		41		105	
Unshielded	209-2324 ○ 500' pull box 209-2324/BK ● 500' pull box 309-2040/5BK ● 500' pull box 309-2050/5WH ○ 500' pull box	209-2319 ○ 500' spool 209-2319/BK ● 500' spool 309-2070/5WH ○ 500' spool	209-2320/BK ● 500' pull box 209-2320 ○ 500' pull box 209-2320/PR ● 500' pull box 209-2322 ○ 1000' spool 209-2325 ○ 500' pull box 309-2080/5BK ● 500' pull box 309-2090/5BK ● 500' pull box	209-2321/BK ● 500' pull box 209-2321 ○ 500' pull box 209-2321/PR ● 500' pull box 209-2323 ○ 1000' spool 309-3000/5BK ● 500' pull box 309-3010/5WH ○ 500' pull box	209-2325 ○ 500' pull box	209-2326 ○ 500' pull box 209-2326/WH/WS ○ 500' spool
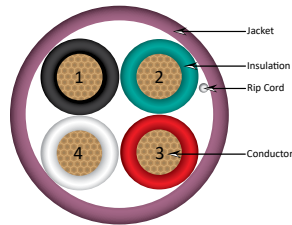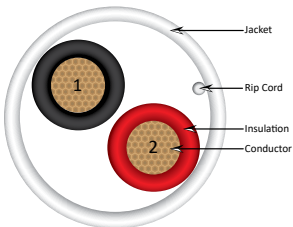
Please check availability of Purple color

PVC Jacket, SHIELDED

Gauge	14AWG		16AWG	
Conductors	2	4	2	4
Strand	41		65	
Shielded	209-2347/S/5WH ○ 500' pull box	209-2351/S/5WH ○ 500' pull box	209-2355/S/5WH ○ 500' pull box	209-2359/S/5WH ○ 500' pull box
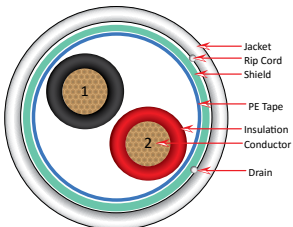
PE Jacket, DIRECT BURIAL

Gauge	12AWG		14AWG		16AWG		18AWG	
Conductors	2	4	2	4	2	4	2	4
Strand	65		105		65		16	
Direct Burial	209-2324/DB ● 500' spool	209-2319/DB ● 500' spool	209-2320/DB ● 500' pull box	209-2321/DB ● 500' spool	209-2315/DB ● 500' pull box	209-2316/DB ● 500' pull box	209-2328/DB ● 500' pull box	209-2329/DB ● 500' pull box
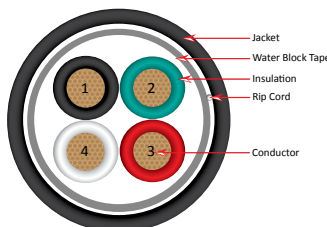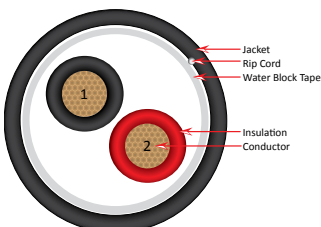


Direct Burial Features:
- Durable Weather Resistant Jacket
- High-Strand Oxygen Free
- Bare Copper Conductors
- Suitable for Direct Burial
- UV Rated Outer Jacket
- Water Block Tape

Gauge	16AWG		18AWG	
Conductors	2	4	2	4
Strand	65		16	
Unshielded	209-2315	209-2316	209-2318	209-2329
	500' pull box	500' pull box	500' pull box	500' pull box
	209-2315/BK	209-2316/PR	209-2318/BK	209-2329/BK
	500' pull box	500' pull box	500' pull box	500' pull box
	209-2315/PR	209-2316/BK	209-2327	309-3080/5BK
	500' pull box	500' pull box	500' pull box	500' pull box
	209-2317	209-2318	309-3070/5WH	309-3090/5WH
	1000' spool	1000' spool	500' pull box	500' pull box
	209-2317/PR	209-2318/PR	309-3071/WH	
	1000' spool	1000' spool	1000' spool	
	309-3020/5BK	309-3040/5BK	209-2328	
	500' pull box	500' pull box	1000' pull box	
	309-3030/5WH	309-3050/5WH	209-2328/BK	
	500' pull box	500' pull box	1000' pull box	
	309-3031/WH	309-3051/WH		
	500' pull box	1000' spool		

Check availability:
10AWG, 2 Conductor, Stranded (105 Strand), PVC Jacket, 500ft, Spool, White - 209-2335/5WH

Features:
- Conductors: Oxygen-Free Stranded Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: PVC
- Flame Retardant Test: CMR CL3
- ETL Listed, RoHS Compliant
- Available in a Wooden Spool or Pull Box
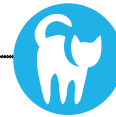
FACT from CAT
Wire thickness is identified by its American Wire Gauge (AWG) number. The lower the gauge number, the thicker the wire. Thicker wire presents less resistance to current flow. Thick wire (12 or 14 gauge) is recommended for long wire runs, high power applications, and low-impedance speakers (4 or 6 ohms). For shorter runs (less than 50 feet) to 8 ohm speakers, 16 gauge wire will usually work fine. It's cost-effective and easy to work with.
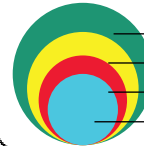
- 12 Gauge
- 14 Gauge
- 16 Gauge
- 18 Gauge

Difference in wire diameter from 18 gauge through 12 gauge wire. Relative thickness of wire gauges, drawn to scale (not actual size).

309 Series - Made in USA

Audio Cable
V-Sound

New Easy2Pull Box
Same Great Vertical Cable Quality

209 Series - Made in China

Fire Alarm Cable

Type/Gauge		12AWG		14AWG	16AWG		18AWG		22AWG
		Plenum	Riser	Plenum	Riser	Plenum	Riser	Plenum	Riser
Unshielded	2 Conductors	315-122/P/RD	315-122/R/RD	315-142/P/YL 315-142/P/RD 315-142/P/BL	315-162/R/YL 315-162/R/RD 315-162/R/BL	315-162/P/WH 315-162/P/YL 315-162/P/RD 315-162/P/BL	315-182/R/YL 315-182/R/RD 315-182/R/BL	315-182/P/WH 315-182/P/YL 315-182/P/RD 315-182/P/BL	
	4 Conductors				315-164/R/RD 315-164/S/R/RD		315-184/R/RD		315-224/R/5RD 315-224/R/5RDCP
Shielded	2 Conductors					315-162/S/P/YL 315-162/S/P/RD 315-162/S/P/BL	315-182/S/R/YL 315-182/S/R/RD 315-182/S/R/BL	315-182/S/P/YL 315-182/S/P/RD 315-182/S/P/BL	
	4 Conductors					315-164/P/RD	315-184/S/R/RD		

Short lengths available
Pre-cut lengths 500-950 FT
Made in USA

CUSTOM COLORS and CUSTOM PACKAGING AVAILABLE

KNOW THE DIFFERENCE - FPLR & FPLP

FPLR - Fire Power Limited Riser. When you don't need a shield or plenum insulation you go with a riser fire alarm cable that gets installed vertically. Available in sizes 22 AWG through 12 AWG with 2 and 4 conductors. Riser cables must pass both UL test 1424 and the vertical riser flame test UL 1666.
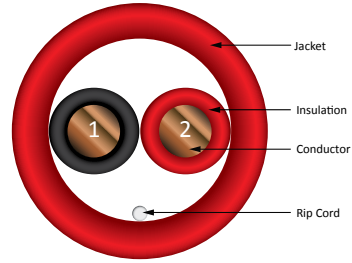
FPLP - Fire Power Limited Plenum, cables are plenum rated for horizontal overhead installations. FPLP cables are listed as having fire-resistant and low smoke-producing characteristics and must pass both UL test 1424 and UL tunnel test 910.

Fire Alarm Cable ▶ FPLP Plenum
FPLP: 12/2, 14/2, 16/2, 18/2 **Plenum**

315-142/P/RD

Jacket
Insulation
Conductor
Rip Cord

315-142/P/RD

315-142/P/RD

315-142/P/RD

Item #	Description	
315-122/P/RD	12/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-142/P/BL	14/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	🔵
315-142/P/RD	14/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-142/P/YL	14/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	🟡
315-162/P/BL	16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	🔵
315-162/P/RD	16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-162/P/WH	16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, White	⚪
315-162/P/YL	16/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	🟡
315-182/P/RD	18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	🔵
315-182/P/BL	18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-182/P/WH	18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, White	⚪
315-182/P/YL	18/2 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	🟡

Features:

- FPLP Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Plenum Rated, Unshielded
- ETL Listed, RoHS Compliant
- Made in USA
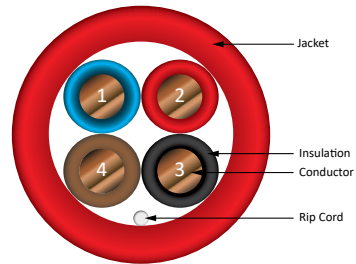- Does not comply with NYC LL5 (Local Law 5)

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems.

ETL Intertek   RoHS

FPLP: 14/4, 16/4, 18/4 **Plenum**

315-164/P/RD

Jacket
Insulation
Conductor
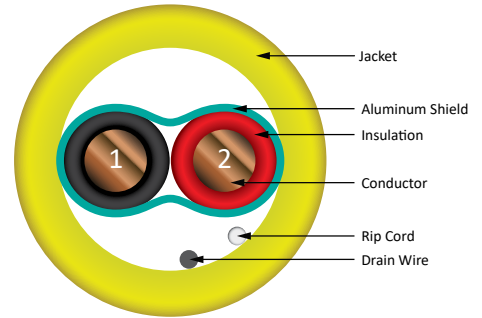Rip Cord

Item #	Description	
315-144/P/RD	14/4 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-164/P/RD	16/4 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-184/P/RD	18/4 Alarm Cable, FPLP, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴

ETL Intertek   RoHS

Fire Alarm Cable: Plenum, 16/2, Shielded

Jacket
Aluminum Shield
Insulation
Conductor
Rip Cord
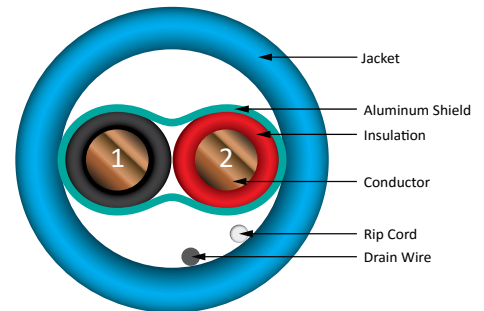Drain Wire

Features:

- FPLP Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Plenum Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

Item #	Description	
315-162/S/P/BL	16/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	🔵
315-162/S/P/RD	16/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-162/S/P/YL	16/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	🟡

ETL Listed Intertek   RoHS

Fire Alarm Cable: Plenum, 18/2, Shielded

Jacket
Aluminum Shield
Insulation
Conductor
Rip Cord
Drain Wire

Features:

- FPLP Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Plenum Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems
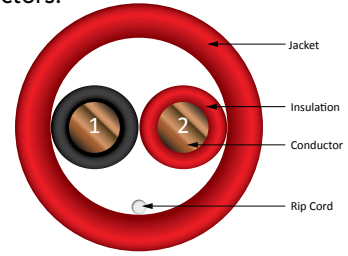
Item #	Description	
315-182/S/P/BL	18/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	🔵
315-182/S/P/RD	18/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-182/S/P/YL	18/2 Alarm Cable, FPLP, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	🟡

ETL Listed Intertek   RoHS

Fire Alarm Cable ▶ FPLR Riser

Fire Alarm Cable made in USA. FPLR (Power-Limited Fire Alarm Riser Cable) and FPLP (Power-Limited Fire Alarm Plenum Cable) are available. Riser alarm cable can be used in vertical runs floor to floor, having some fire resistant characteristics. Plenum alarm cable can be used in fire prone ducts and spaces where air travels. Both types are typically housed in raceways or metal conduits. All alarm cable conductors are solid, and available in various gauges and numbers of conductors.

FPLR: 14/2 Riser

315-142/R/RD

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

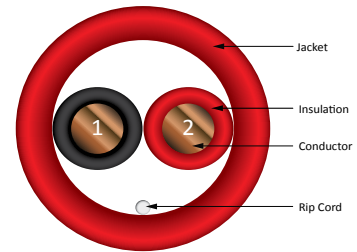Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

315-142/R/RD

Item #	Description	
315-142/R/BL	14/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	🔵
315-142/R/RD	14/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-142/R/YL	14/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	🟡

FPLR: 16/2 Riser

315-162/R/RD

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

315-162/R/RD
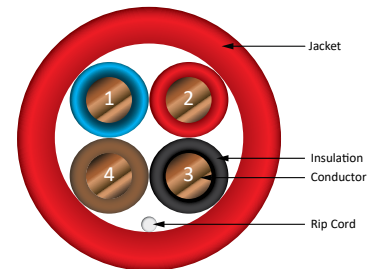
Item #	Description	
315-162/R/BL	16/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, BL	🔵
315-162/R/RD	16/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-162/R/YL	16/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, YL	🟡

FPLR: 16/4 Riser

315-164/R/RD

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

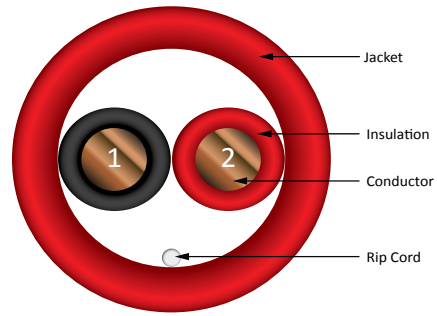Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

315-142/R/RD

Item #	Description	
315-164/R/RD	16/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴
315-164/S/R/RD	16/4 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	🔴

Fire Alarm Cable
FPLR: 18/2 Riser, Unshielded

315-182/R/RD

Jacket
Insulation
Conductor
Rip Cord

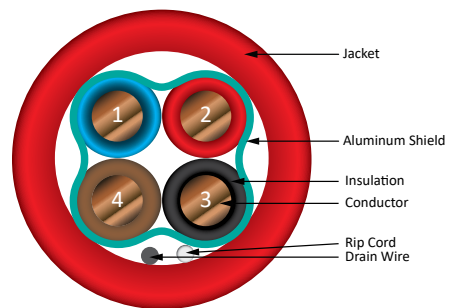| Item #	Description	
315-182/R/BL	18/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	●
315-182/R/RD	18/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	●
315-182/R/YL	18/2 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Yellow	●

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

315-182/R/RD

ETL Listed Intertek   RoHS

With This Product You May Need:

045-V34/75WH
Velcro Tie Wrap

FPLR: 18/4 Riser, Shielded

315-184/S/R/RD

Jacket
Aluminum Shield
Insulation
Conductor
Rip Cord
Drain Wire

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

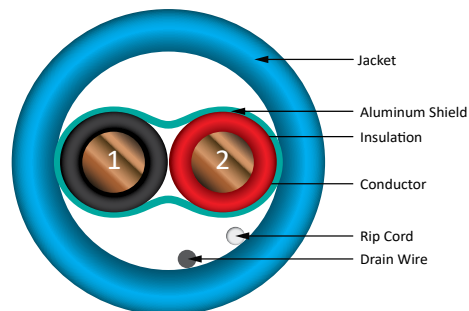Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

315-184/R/RD

ETL Listed Intertek   RoHS

Item #	Description	
315-184/R/RD	18/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	●
315-184/S/R/RD	18/4 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	●

Fire Alarm Cable: Riser, 18/2, Shielded

- Jacket
- Aluminum Shield
- Insulation
- Conductor
- Rip Cord
- Drain Wire

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems
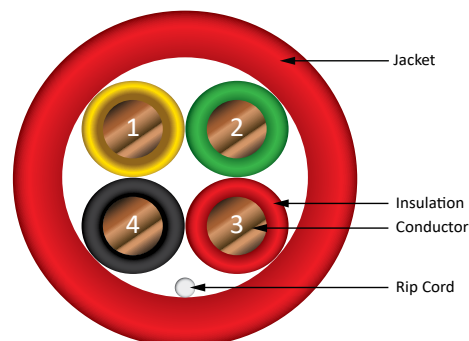
Item #	Description	
315-182/S/R/BL	18/2 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Blue	●
315-182/S/R/GR	18/2 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Green	●
315-182/S/R/RD	18/2 Alarm Cable, FPLR, Shielded, Solid Bare Copper Conductors, 1000ft, Spool, Red	●

With This Product You May Need:

045-CT/50/12NT
Cable Ties 50LBS

Fire Alarm Cable: Riser, 22/4, Unshielded

- Jacket
- Insulation
- Conductor
- Rip Cord

Features:

- FPLR Fire Alarm Cable
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Riser Rated, Shielded
- ETL Listed, RoHS Compliant
- Made in USA

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems

| Item #	Description	
315-224/R/5RD	22/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 500ft, Spool, Red	●
315-224/R/5RDCP	22/4 Alarm Cable, FPLR, Unshielded, Solid Bare Copper Conductors, 500ft, Coil Pack, Red	●

Security & Communications Cable

Including a broad variety of applications ranging from security to intercom to sound systems. Applications include: door controllers, prox sensors, key pads, sound systems, access control and smoke detectors.

Control Cable and Access Control Cable features 18AWG and 22AWG conductor pairs for various uses:

access control panels, prox sensors, keypads, card readers, alarm systems, speakers, microphones and more. Both Plenum and non-Plenum variants are available. The Plenum version is designed to meet rigorous fire safety standards, and provides cabling solutions for fire prone areas.

Access Control Cable: 22/3Pair (Shielded) + 18/4 + 22/4 + 22/2 Riser
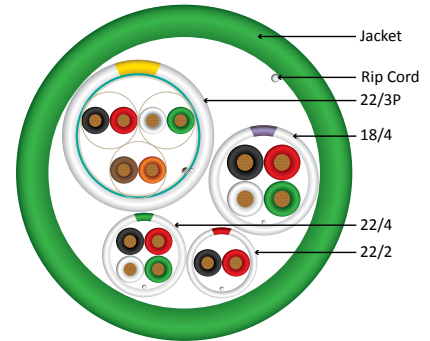
Applications Include:
Access Control Panels, Security Panels, Card Readers, Sensors, Keypads, Power, Microphones, Speakers, Alarm Systems

Item #	Description
214-2325/GR	22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Riser Rated, 500ft, Green ●

Features:
- 4 Component Lighting Control Cable
- Each component contains a rip cord
- Overall PVC Riser Rated Jacket
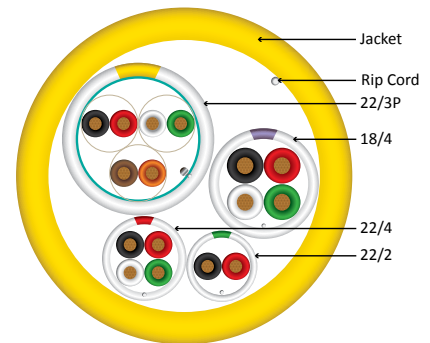- ETL Listed, RoHs Compliant
- 500ft Spool

- Contains: 22AWG/3 Pair Shielded, 18AWG/4Conductor, 22AWG/4Conductor, 22AWG/2Conductor

ETL Listed Intertek   RoHS

Access Control Cable: 22/3Pair (Shielded) + 18/4 + 22/4 + 22/2 Plenum

Applications Include:
Access Control Panels, Security Panels, Card Readers, Sensors, Keypads, Power, Microphones, Speakers, Alarm Systems

Item #	Description
214-2326/P/YL	22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Plenum Rated, 500ft, Yellow ●

Features:
- 4 Component Lighting Control Cable
- Each component contains a rip cord
- Overall PVC Riser Rated Jacket
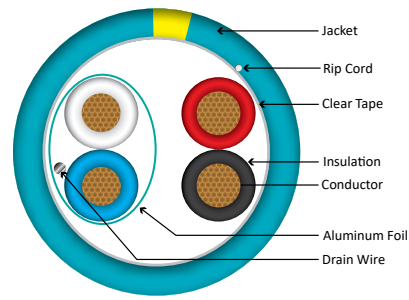- ETL Listed, RoHs Compliant
- 500ft Spool

- Contains: 22AWG/3 Pair Shielded, 18AWG/4Conductor, 22AWG/4Conductor, 22AWG/2Conductor

UL LISTED   RoHS

Control Cable: 22/2 (Shielded) + 18/2, CL3 Rated.

Jacket
Rip Cord
Clear Tape
Insulation
Conductor
Aluminum Foil
Drain Wire

Applications:
Touch Panels, Key Pads, Expansion Modules, Tuners, Power Limited Control Circuits

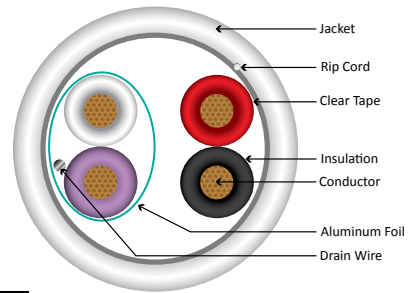| Item #	Description
214-2321/TL	22/2 Shielded + 18/2 Stranded Bare Copper Conductors, Riser, 1000ft, Wooden Spool, Teal with Yellow Stripe ○

Features:
- Control Cable
- Overall PVC Riser Rated Jacket
- ETL Lisetd, RoHS Compliant
- 1000ft Spool

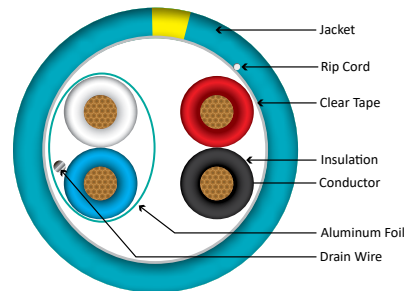## Control Cable: 22/2 (Shielded) + 16/2, CL3 Rated.

Jacket
Rip Cord
Clear Tape
Insulation
Conductor
Aluminum Foil
Drain Wire

Item #	Description
214-2323/WH	22/2 Shielded + 16/2 Stranded Bare Copper Conductors, Riser Rated 1000ft, Wooden Spool, White ○

Features:
- High Grade Lighting Control System Cable
- In-home, commercial, and industrial lighting applications
- Used in conjunction with sercurity & sensor systems
- Indoor Applications
- Riser Rated for Indoor Use
- Light Dimmers, environmental sensors, smart eco-friendly lighting control
- ETL Listed, RoHS Compliant
- 1000ft Spool

Control Cable: Plenum, 22/2 (Shielded) + 18/2, CL3 Rated.

Jacket
Rip Cord
Clear Tape
Insulation
Conductor
Aluminum Foil
Drain Wire

Item #	Description
214-2324/P/TL	22/2 Shielded + 18/2 Stranded Bare Copper Conductors, Plenum, 1000ft, Wooden Spool, Teal with Yellow Stripe ○

Features:
- Control Cable
- Plenum Rated, for Indoor Use
- Touch Panels, Key Pads, Expansion Modules, Tuners, Power Limited Control Circuits
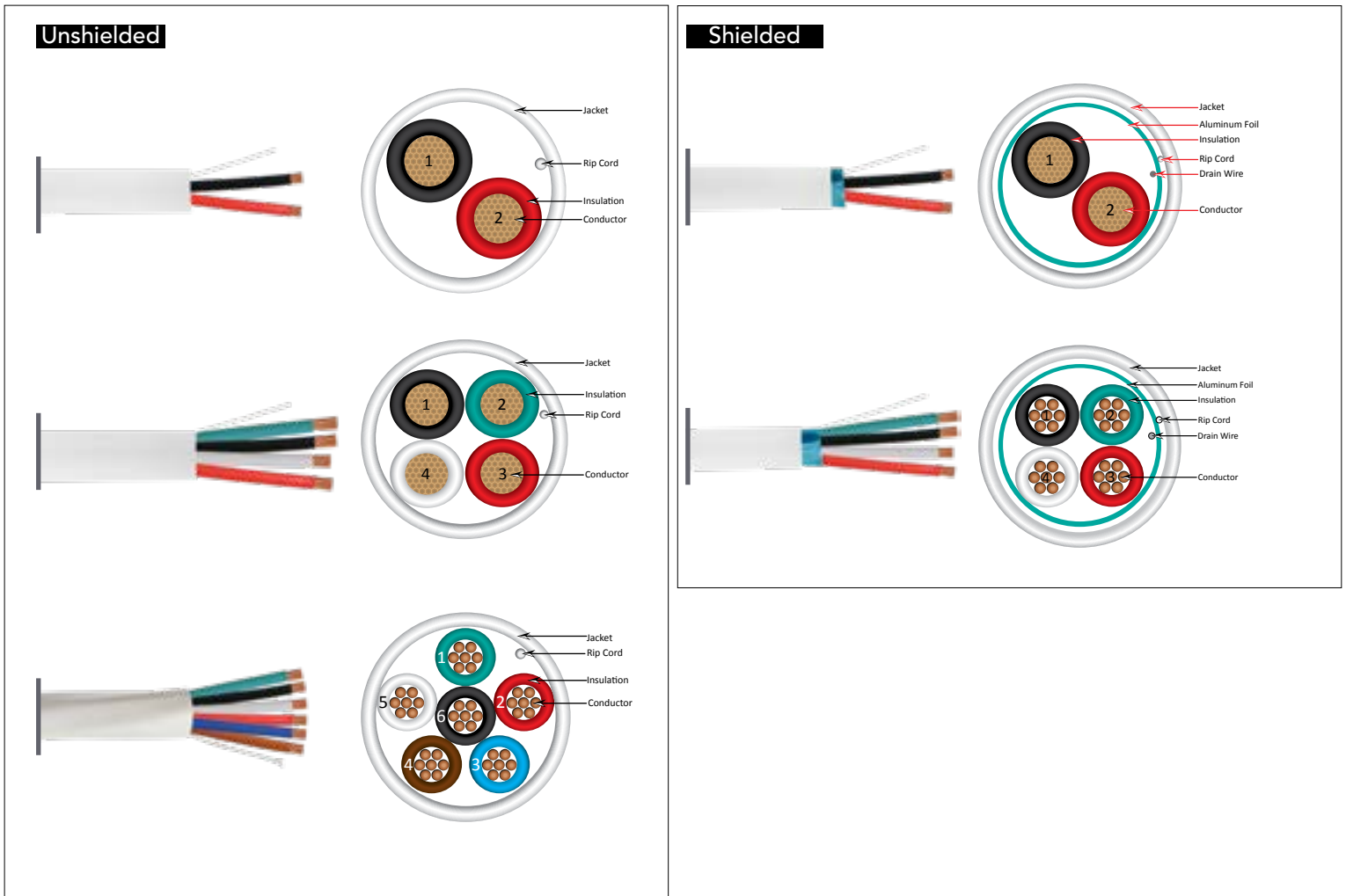- ETL Lisetd, RoHS Compliant
- 1000ft Spool

Security Cable

Plenum Security Cable

Made from flame retardant materials. These cables are designed to meet rigorous fire safety standards, and provide cabling solutions for fire prone areas. It is available shielded or unshielded, and with various numbers of conductors.

Type / Category	Plenum					
Gauge	12AWG		14AWG		16AWG	
Conductors	2	4	2	4	2	4
Strand	19	19	19	1 9	19	19
Unshielded	211-122/P/5WH 211-122/P/WH	211-124/P/5WH	211-142/P/WH 211-142/P/5WH	211-144/P/WH 211-144/P/5WH	211-162/P/WH 211-162/P/BK 211-162/P/5WH 211-162/P/5BK	211-164/P/WH 211-164/P/5WH 211-164/P/5BK
Shielded				211-144/S/P/WH 211-144/S/P/5WH	211-162/S/P/5WH 211-162/S/P/WH	211-164/S/P/5WH 211-164/S/P/WH

Unshielded

Shielded

Features:

- Conductors: Stranded Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: Low Smoke PVC
- Flame Retardant Test: CMP Rated
- Sequential Length Markings on Jacket
- UL or ETL Listed, RoHS Compliant
- 500ft or 1000ft (Pull Box or Spool)

Applications:

- Intercom Systems
- Sound / Audio
- Security Systems
- Power Limited Control Circuits
- Indoor Applications

SECURE SMARTER with Vertical Cable

Add Access Control Cable (Plenum or Riser):
22AWG/3 Pair Shielded, 18AWG/4 Conductor, 22AWG/4 Conductor, 22AWG/2 Conductor (214 Series).
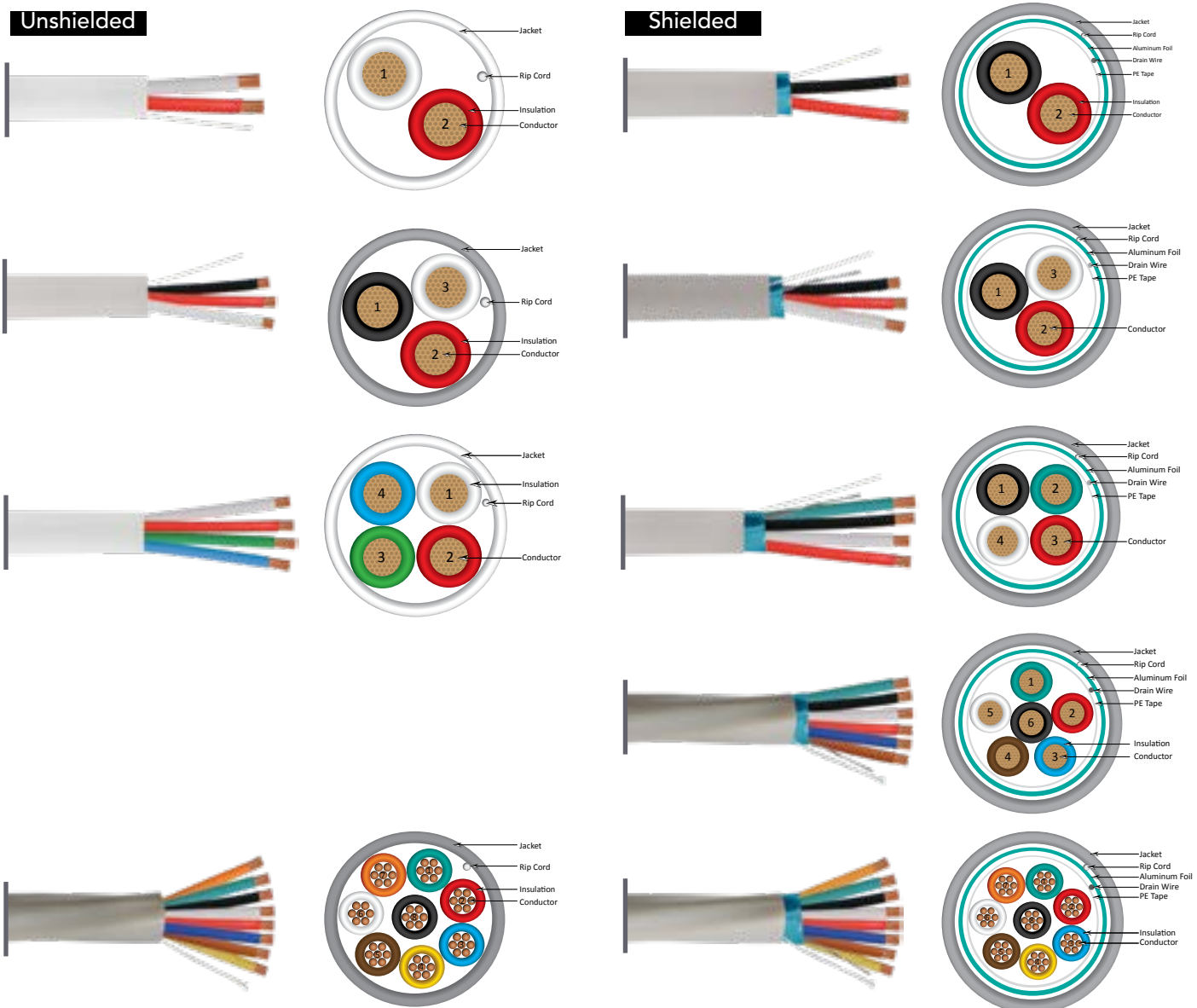
Plenum								
18AWG					22AWG			
2	3	4	6	8	2	4	6	8
7	16	19	7	7	7	7	7	7
211-182/P/WH 211-182/P/5WH	211-183/P/WH	211-184/P/5WH 211-184/P/WH	211-186ST/P/WH 211-186ST/P/5WH		210-222/P/WH	210-224/P/WH	210-226/P/WH	210-228/P/WH
211-182/S/P/5WH 211-182/S/P/WH	211-183/S/P/5WH	211-184/S/P/5WH 211-184/S/P/WH	211-186/S/P/WH	211-188/S/P/WH	210-222/S/P/WH	210-224/S/P/WH	210-226/S/P/WH	

Intercom

Keypads

Power

Home automation

Auxiliary devices

Sirens

Fire alarm

Doors, windows, motion sensors
Glass break detectors

VERTICAL CABLE

Security Cable
Security & Communications Cable (Non-Plenum)

| Type / Category	Non-Plenum						
Gauge	14AWG		18AWG				
Conductors	2	4	2	3	4	6	8
Strand	19	19	16	16	16	16	7
Unshielded	211-142ST/5WH	211-144ST/5WH	211-182ST/WH 211-182ST/GY 211-182ST/5WH 211-182ST/5GY	211-183ST/5BK 211-183ST/WH 211-183ST/GY 211-183ST/5WH 211-183ST/5GY	211-184ST/WH 211-184ST/GY 211-184ST/5WH 211-184ST/5GY 211-184/S/GY	211-186ST/GY	211-188ST/GY
Shielded			211-182ST/S/WH 211-182ST/S/GY 211-182ST/S/5WH 211-182ST/S/5GY	211-183ST/S/WH 211-183ST/S/GY 211-183ST/S/5WH 211-183ST/S/5GY	211-184ST/S/WH 211-184ST/S/5WH 211-184ST/S/GY 211-184ST/S/5GY	211-186ST/S/5GY 211-186ST/S/GY	211-188/ST/S/GY

Unshielded

Shielded

Type / Category	Non-Plenum					
Gauge	22AWG					
Conductors	2		4		6	8
Strand/ Solid	Stranded	Soild	Stranded	Soild	Stranded	Stranded
Unshielded	210-222ST/GY 210-222ST/WH 211-222ST/GY 211-222ST/WH 211-222ST/5WH *212-222ST/5GY* *212-222ST/5WH*	211-222SO/5GY 211-222SO/GY 211-222SO/WH 211-222SO/5WH *212-222SO/5GY* *212-222SO/5WH*	211-224ST/5GY 211-224ST/GY 211-224ST/WH 211-224ST/5WH 210-224ST/5GY 210-224ST/GY 210-224ST/WH *212-224ST/5GY* *212-224ST/5WH*	210-224SO/5WH 210-224SO/GY 210-224SO/WH *212-224SO/5GY* *212-224SO/5WH* 211-224SO/5GY 211-224SO/GY 211-224SO/WH 211-224SO/5WH	210-226ST/5GY 210-226ST/5WH 210-226ST/GY 210-226ST/WH 211-226ST/5GY 211-226ST/GY 211-226ST/WH 211-226ST/5WH	210-228ST/5GY 210-228ST/5WH 210-228ST/GY 210-228ST/WH 211-228ST/5GY 211-228ST/GY 211-228ST/WH 211-228ST/5WH
Shielded	210-222ST/S/5GY 210-222ST/S/5WH 210-222ST/S/GY 210-222ST/S/WH 211-222ST/S/GY 211-222ST/S/5GY 211-222ST/S/WH 211-222ST/S/5WH	211-222SO/S/GY 211-222SO/S/5GY 211-222SO/S/WH 211-222SO/S/5WH	210-224ST/S/5GY 210-224ST/S/5WH 210-224ST/S/GY 211-224ST/S/GY 211-224ST/S/5GY 211-224ST/S/WH 211-224ST/S/5WH	210-224SO/S/5GY 210-224SO/S/5WH 210-224SO/S/GY 211-224SO/S/GY 211-224SO/S/5GY 211-224SO/S/WH 211-224SO/S/5WH	210-226ST/S/5GY 210-226ST/S/5WH 210-226ST/S/GY 210-226ST/S/GY 211-226ST/S/GY 211-226ST/S/5GY 211-226ST/S/WH 211-226ST/S/5WH	210-228ST/S/5GY 210-228ST/S/5WH 210-228ST/S/GY 210-228ST/S/WH 211-228ST/S/GY 211-228ST/S/5GY 211-228ST/S/WH 211-228ST/S/5WH

Unshielded
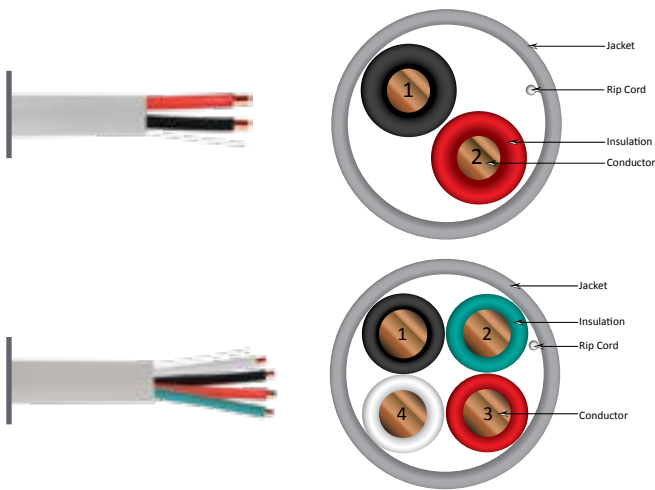
Shielded
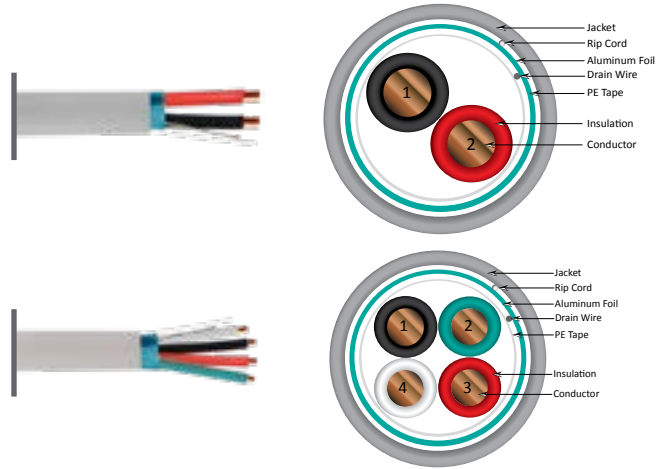
Features:

- Conductor: Stranded Bare Copper
- Stranded Conductors Provide Additional Flexibility
- Insulation Material: PVC
- Jacket: PVC
- Sequential Length Markings on Jacket
- 500ft or 1000FT (Pull Box, Spool or Coil Pack)
- ETL Listed, RoHS Compliant

Applications:

- Indoor Remote Control of Security
- Intercom Systems
- Sound / Audio Systems
- Door Controllers, Prox Sensors, Key Pads, Access Control, Smoke Detectors
- Indoor Applications

Packaging: Wood Spool, Pull Box, Coil Pack

Ask Your Account Manager about our Made in USA Security Cable

Patch Cords

Type / Category	CAT5E	CAT6	CAT6A
Shielded	**071 Series** 1, 3, 5, 7, 10, 14, 25FT		**076 Series** 1, 3, 5, 7, 10, 14, 25FT
Unshielded with Protector	**092 Series** 0.5, 1, 3, 5, 6, 7, 10, 14, 20, 25, 50, 100FT	**094 Series** 0.5, 1, 3, 5, 6, 7, 10, 14, 20, 25, 50, 100FT	**077 Series (Slim Type)** 0.5, 1, 2, 3, 5, 7, 10 14 FT
Unshielded **without** Protector	**093 Series** 1, 3, 5, 7, 10, 14, 25FT	**095 Series** 0.5, 1, 3, 5, 6, 7, 10, 14, 20, 25, 50, 100FT	

CAT5E Patch Cords: UTP Non-Booted

Size	Black	Blue	Green	Gray	Red	White	Yellow
1 Ft	093-687/1BK	093-688/1BL	093-689/1GR	093-690/1GY	093-693/1RD	093-694/1WH	093-695/1YL
2 Ft	093-696/2BK	093-697/2BL	093-698/2GR	093-699/2GY	093-702/2RD	093-703/2WH	093-704/2YL
3 Ft	093-705/3BK	093-706/3BL	093-707/3GR	093-708/3GY	093-711/3RD	093-712/3WH	093-713/3YL
5 Ft	093-714/5BK	093-715/5BL	093-716/5GR	093-717/5GY	093-720/5RD	093-721/5WH	093-722/5YL
7 Ft	093-723/7BK	093-724/7BL	093-725/7GR	093-726/7GY	093-729/7RD	093-730/7WH	093-731/7YL
10 Ft	093-732/10BK	093-733/10BL	093-734/10GR	093-735/10GY	093-738/10RD	093-739/10WH	093-740/10YL
14 Ft	093-741/14BK	093-742/14BL	093-743/14GR	093-744/14GY	093-747/14RD	093-748/14WH	093-749/14YL
25 Ft	093-759/25BK	093-760/25BL	093-761/25GR	093-762/25GY	093-765/25RD	093-766/25WH	093-767/25YL

Features:

- Category 5E Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths

CAT5E Patch Cords: F/UTP with Boot and Protector

Vertical Cable offers CAT5E and CAT6 Patch Cords without Boot or Protector, in addition to regular patch cords. Vertical Cable offers these patch cords in various colors and lengths up to 25 feet. They are c(UL) Listed.

Size	Blue	Gray	White
1 Ft	071-481/1BL	071-483/1GY	071-487/1WH
3 Ft	071-499/3BL	071-501/3GY	071-505/3WH
5 Ft	071-508/5BL	071-510/5GY	071-514/5WH
7 Ft	071-517/7BL	071-519/7GY	071-523/7WH
10 Ft	071-526/10BL	071-528/10GY	071-532/10WH
14 Ft	071-535/14BL	071-537/14GY	071-541/14WH
25 Ft	071-544/25BL	Call	Call

Features:

- Category 5E Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths

CAT5E Patch Cords: UTP with Boot and Protector

Vertical Cable Category Patch Cords with Boot and Protector lengthen the life span of the traditional patch cord. The boot ensures that the cable remains protected from bends and breakage. The protector shields the plastic locking tab from breaking off. These come available in Unshielded and Shielded.

Size	Black	Blue	Green	Gray	Orange	Purple	Red	White	Yellow
1/2 Ft	092-570/05BK	092-571/05BL	092-572/05GR	092-573/05GY	Call	Call	Call	092-577/05WH	092-578/05YL
1 Ft	092-579/1BK	092-580/1BL	092-581/1GR	092-582/1GY	092-583/1OR	092-584/1PR	092-585/1RD	092-586/1WH	092-587/1YL
2 Ft	092-588/2BK	092-589/2BL	092-590/2GR	092-591/2GY	092-592/2OR	092-593/2PR	092-594/2RD	092-595/2WH	092-596/2YL
3 Ft	092-597/3BK	092-598/3BL	092-599/3GR	092-600/3GY	092-601/3OR	092-602/3PR	092-603/3RD	092-604/3WH	092-605/3YL
5 Ft	092-606/5BK	092-607/5BL	092-608/5GR	092-609/5GY	092-610/5OR	092-611/5PR	092-612/5RD	092-613/5WH	092-614/5YL
6 Ft	092-6141/6BK	092-6142/6BL	092-6143/6GR	092-6144/6GY	092-6145/6OR	092-6146/6PR	092-6147/6RD	092-6148/6WH	092-6149/6YL
7 Ft	092-615/7BK	092-616/7BL	092-617/7GR	092-618/7GY	092-619/7OR	092-620/7PR	092-621/7RD	092-622/7WH	092-623/7YL
10 Ft	092-624/10BK	092-625/10BL	092-626/10GR	092-627/10GY	092-628/10OR	Call	092-630/10RD	092-631/10WH	092-632/10YL
14 Ft	092-633/14BK	092-634/14BL	092-635/14GR	092-636/14GY	Call	Call	092-639/14RD	092-640/14WH	092-641/14YL
20 Ft	092-642/20BK	092-643/20BL	092-644/20GR	Call	Call	Call	092-648/20RD	092-649/20WH	092-650/20YL
25 Ft	092-651/25BK	092-652/25BL	092-653/25GR	092-654/25GY	Call	Call	092-657/25RD	092-658/25WH	092-659/25YL
50 Ft	092-660/50BK	092-661/50BL	092-662/50GR	092-663/50GY	092-664/50OR	092-665/50PR	092-666/50RD	092-667/50WH	092-668/50YL
100 Ft	092-678/100BK	092-679/100BL	092-680/100GR	092-681/100GY	092-682/100OR	092-683/100PR	092-684/100RD	092-685/100WH	092-686/100YL
150 Ft	Call	Call	Call	Call	Call	Call	Call	092-2398/150WH	Call
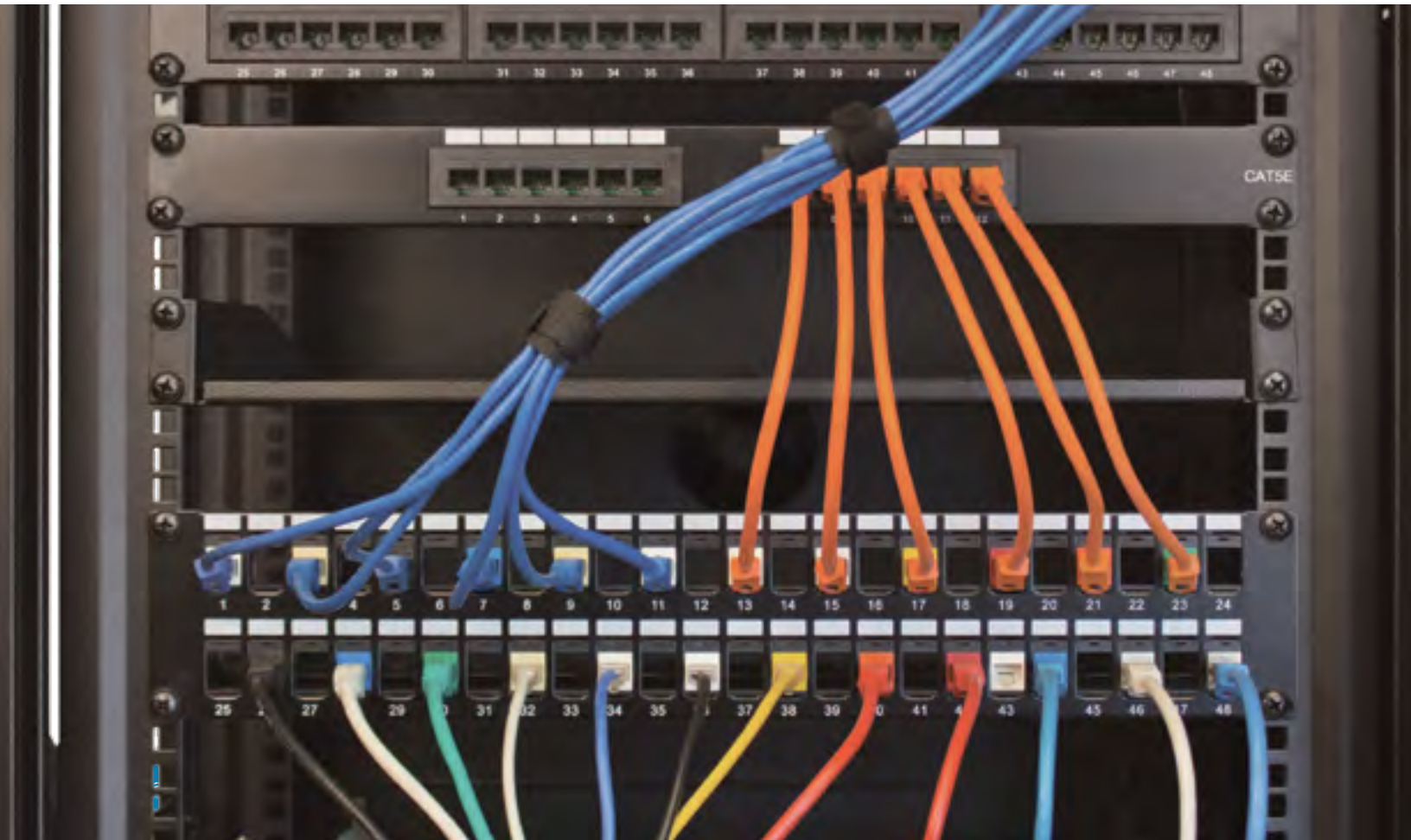
CAT6 Patch Cords: UTP Non-Booted

Size	Black	Blue	Green	Gray	Red	White	Yellow
1 Ft	095-903/1BK	095-904/1BL	095-905/1GR	095-906/1GY	095-909/1RD	095-910/1WH	095-911/1YL
2 Ft	095-912/2BK	095-913/2BL	095-914/2GR	095-915/2GY	095-918/2RD	095-919/2WH	095-920/2YL
3 Ft	095-921/3BK	095-922/3BL	095-923/3GR	095-924/3GY	095-927/3RD	095-928/3WH	095-929/3YL
5 Ft	095-930/5BK	095-931/5BL	095-932/5GR	095-933/5GY	095-936/5RD	095-937/5WH	095-938/5YL
7 Ft	095-939/7BK	095-940/7BL	095-941/7GR	095-942/7GY	095-945/7RD	095-946/7WH	095-947/7YL
10 Ft	095-948/10BK	095-949/10BL	095-950/10GR	095-951/10GY	095-954/10RD	095-955/10WH	095-956/10YL
14 Ft	095-957/14BK	095-958/14BL	095-959/14GR	095-960/14GY	095-963/14RD	095-964/14WH	095-965/14YL
25 Ft	095-975/25BK	095-976/25BL	095-977/25GR	095-978/25GY	095-981/25RD	095-982/25WH	095-983/25YL

Features:
- Category 6 Patch Cords
- PVC Jacket: Flame Retardant
- Gold Plated Contacts
- cUL Listed and RoHS Compliant
- 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
- Available in various colors and lengths
- 10 per bag

CAT6 Patch Cords: UTP with Boot and Protector

Size	Black	Blue	Green	Gray	Orange	Purple	Red	White	Yellow
1/2 Ft	094-786/05BK	094-787/05BL	094-788/05GR	094-789/05GY	Call	Call	Call	094-793/05WH	094-794/05YL
1 Ft	094-795/1BK	094-796/1BL	094-797/1GR	094-798/1GY	094-799/1OR	094-800/1PR	094-801/1RD	094-802/1WH	094-803/1YL
2 Ft	094-804/2BK	094-805/2BL	094-806/2GR	094-807/2GY	094-808/2OR	094-809/2PR	094-810/2RD	094-811/2WH	094-812/2YL
3 Ft	094-813/3BK	094-814/3BL	094-815/3GR	094-816/3GY	094-817/3OR	094-818/3PR	094-819/3RD	094-820/3WH	094-821/3YL
5 Ft	094-822/5BK	094-823/5BL	094-824/5GR	094-825/5GY	094-826/5OR	094-827/5PR	094-828/5RD	094-829/5WH	094-830/5YL
6 Ft	094-8301/6BK	094-8302/6BL	094-8303/6GR	094-8304/6GY	094-8305/6OR	094-8306/6PR	094-8307/6RD	094-8308/6WH	094-8309/6YL
7 Ft	094-831/7BK	094-832/7BL	094-833/7GR	094-834/7GY	094-835/7OR	094-836/7PR	094-837/7RD	094-838/7WH	094-839/7YL
10 Ft	094-840/10BK	094-841/10BL	094-842/10GR	094-843/10GY	094-844/10OR	094-845/10PR	094-846/10RD	094-847/10WH	094-848/10YL
14 Ft	094-849/14BK	094-850/14BL	094-851/14GR	094-852/14GY	094-853/14OR	094-854/14PR	094-855/14RD	094-856/14WH	094-857/14YL
20 Ft	094-858/20BK	094-859/20BL	094-860/20GR	Call	Call	Call	Call	094-865/20WH	094-866/20YL
25 Ft	094-867/25BK	094-868/25BL	094-869/25GR	094-870/25GY	Call	094-872/25PR	094-873/25RD	094-874/25WH	094-875/25YL
50 Ft	094-876/50BK	094-877/50BL	094-878/50GR	094-879/50GY	Call	Call	094-882/50RD	094-883/50WH	Call
75 Ft	094-885/75BK	094-886/75BL	Call	094-888/75GY	Call	Call	Call	094-892/75WH	Call
100 Ft	094-894/100BK	094-895/100BL	Call	094-897/100GY	Call	Call	094-900/100RD	094-901/100WH	094-902/100YL
150 Ft	Call	094-2399/150BL	Call	094-2400/150GY	Call	Call	Call	094-2401/150WH	Call

With This Product You May Need:

042-378/48

045-V12/8BK

302-KJC/BL

040-369/C6/WH

042-2134

352-V2722/YL

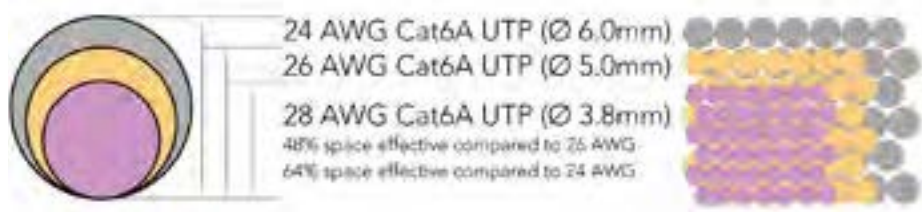## CAT6A Patch Cords: UTP with Protector (Slim Type)

IMPROVED AIRFLOW

• Reduced cable diameter increases flexibility.

• More free space creates better airflow and helps to cool down active equipment.

c(UL)us LISTED

RoHS

Size	Black	Blue	White
1/2 Ft	077-2010/05BK	077-2011/05BL	077-2017/05WH
1 Ft	077-2019/1BK	077-2020/1BL	077-2026/1WH
2 Ft	077-2028/2BK	077-2029/2BL	077-2035/2WH
3 Ft	077-2037/3BK	077-2038/3BL	077-2044/3WH
5 Ft	077-2046/5BK	077-2047/5BL	077-2053/5WH
7 Ft	077-2064/7BK	077-2065/7BL	077-2071/7WH
10 Ft	077-2073/10BK	077-2074/10BL	077-2080/10WH
14 Ft	077-2082/14BK	077-2083/14BL	077-2089/14WH

Features:

• Category 6A Patch Cords UTP (Slim Type)
• PVC Jacket, CM Rated
• 8P8C Gold Plated Pins
• cUL Listed and RoHS Compliant
• 28AWG/4 Pair Stranded Bare Copper Conductors for flexibility
• Available in various colors and lengths
• 568B Wiring Color Code

24 AWG Cat6A UTP (Ø 6.0mm)
26 AWG Cat6A UTP (Ø 5.0mm)
28 AWG Cat6A UTP (Ø 3.8mm)
48% space effective compared to 26 AWG
64% space effective compared to 24 AWG

Compare CAT6A Patch Cords: 076 Series vs. 077 Series

CAT6A Patch Cords: F/UTP with Boot and Protector

Size	Blue	White	Yellow	Black	Red
1/2 Ft	076-1001/05BL	076-1008/05WH	Call	076-1002/05BK	Call
1 Ft	076-1011/1BL	076-1017/1WH	076-1018/1YL	076-1010/1BK	076-1016/1RD
3 Ft	076-1029/3BL	076-1035/3WH	076-1036/3YL	076-1028/3BK	076-1034/3RD
5 Ft	076-1038/5BL	076-1044/5WH	076-1045/5YL	076-1037/5BK	076-1043/5RD
7 Ft	076-1047/7BL	076-1053/7WH	076-1054/7YL	076-1046/7BK	076-1052/7RD
10 Ft	076-1056/10BL	076-1062/10WH	076-1063/10YL	076-1055/10BK	076-1061/10RD
14 Ft	076-1065/14BL	076-1071/14WH	076-1072/14YL	076-1064/14BK	076-1070/14RD
25 Ft	076-1074/25BL	076-1080/25WH	076-1081/25YL	076-1073/25BK	076-1079/25RD

Features:

• Category 6A Patch Cords
• PVC Jacket: Flame Retardant
• Gold Plated Contacts
• cUL Listed and RoHS Compliant
• 24AWG/4 Pair Stranded Bare Copper Conductors for flexibility
• Available in various colors and lengths

ETL Intertek   RoHS

HDMI Digital Cables & Accessories
Premium HDMI High Speed Digital Cables *with Ethernet*

241 Series

Retail Packaging:

Certified by HDMI® Authorized Test Centers

Each individual length of these cables has been tested to ensure that it is capable of delivering the full 6.0Gbps/channel (18Gbps total) bandwidth required by the latest HDMI specification.

Once the cable has passed the rigorous testing procedure, HDMI Licensing issues a Premium Certified Cable label, which includes a hologram and 2D barcode, so you can trust that the cable will deliver the highest level of HDMI performance.

242 Series

Retail Packaging:

3FT   100FT

Item #	Description
241-010/3FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ/18Gbps/3D 3FT, HDMI Certified Premium, Retail Bag
241-012/6FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ/18Gbps/3D 6FT, HDMI Certified Premium, Retail Bag
241-014/10FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ/18Gbps/3D 10FT, HDMI Certified Premium, Retail Bag
241-016/15FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ/18Gbps/3D 15FT, HDMI Certified Premium, Retail Bag
242-030/3FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 3FT Black
242-032/6FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 6FT Black
242-034/10FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 10FT Black
242-036/15FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 15FT Black
242-038/25FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 25FT Black
242-040/30FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 30FT Black
242-042/50FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 50FT Black
242-043/75FT	HDMI 2.0 Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 75FT Black (Directional)
242-044/100FT	HDMI 2.0 with Amplifier, Ultra HD 4Kx2K 60HZ / 3D, Gold Plated 100FT Black (Directional)

Features:

- High speed HDMI Cable (100FT with Amplifier)
- Gold Plated Contacts, Type-A 19pin
- 18Gbps – Ultra HD 2160p
- 2K/4K – 60Hz, 120Hz, 240Hz, 360Hz
- HDR, HEC, ARC, 3D, HDCP Compliant
- UL Listed RoHS Compliant
- Directional – Input / Output (75FT & 100FT)
- CL3 Rated for In-wall installations
  (for 25, 30, 50, 75 and 100FT only)

WHEN LENGTH MATTERS —
Vertical Cable
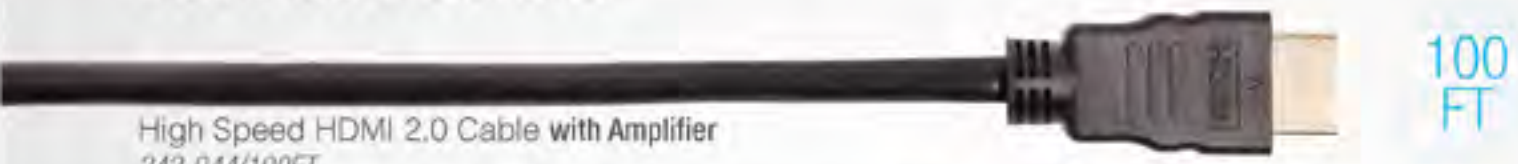
High Speed HDMI 2.0 Cable **with Amplifier**
242-044/100FT

100 FT

High Speed HDMI 2.0 Cable
242-043/75FT

75 FT

HDR, HEC, ARC, 3D, HDCP Compliant
2K/4K - 60Hz,120Hz, 240Hz, 360Hz
CL3 Rated for In-wall installations
Directional — Input / Output
18Gbps, Ultra HD 2160p

3FT, 6FT, 10FT, 25FT, 30FT, 50FT
Specifications vary
242 Series

c(UL)us LISTED   RoHS   HDMI

With HDMI Cables you may need:

HDMI Female to HDMI Female 90° Adapter
245-AD/HF-HF/90
Please check availability

HDMI Male TO DVI 18 +1 Female Adapter
245-AD/HM-DF
Please check availability

HDMI Male to DVI 18 +1 Male Adapter
245-AD/DM-HF
Please check availability

HDMI Coupler Jack (F/F)
245-KJC/FF/180

HDMI Wall Plate - 1 Port
245-WP/1H/180

HDMI + F81 Decora Wall Plate
245-WP/HF81

Fiber Optic Patch Cords

Multimode & Singlemode Duplex Patch Cords

Vertical Cable carries the most popular types of 62.5/125 Multimode and 9/125 Singlemode Duplex Patch Cords. These fiber optic cords have ceramic connectors with PC and UPC finish and an OFNR rated jacket. The connectors are secured with epoxy and crimped in place to ensure their durability.

Multimode Duplex PC Polish

Size	ST-ST	LC-ST	LC-SC	SC-SC	SC-ST	LC-LC
1m	261-STST/1MM	261-LCST/1MM	261-LCSC/1MM	261-SCSC/1MM	261-SCST/1MM	261-LCLC/1MM
2m	261-STST/2MM	261-LCST/2MM	261-LCSC/2MM	261-SCSC/2MM	261-SCST/2MM	261-LCLC/2MM
3m	261-STST/3MM	261-LCST/3MM	261-LCSC/3MM	261-SCSC/3MM	261-SCST/3MM	261-LCLC/3MM
5m	261-STST/5MM	261-LCST/5MM	261-LCSC/5MM	261-SCSC/5MM	261-SCST/5MM	261-LCLC/5MM
7m	261-STST/7MM	261-LCST/7MM	261-LCSC/7MM	261-SCSC/7MM	261-SCST/7MM	261-LCLC/7MM
10m	261-STST/10MM	261-LCST/10MM	261-LCSC/10MM	261-SCSC/10MM	261-SCST/10MM	261-LCLC/10MM
15m	261-STST/15MM	261-LCST/15MM	261-LCSC/15MM	261-SCSC/15MM	261-SCST/15MM	261-LCLC/15MM

Features:
- Multimode duplex fiber optic patch cord
- PC polish
- 62.5/125
- 3.0mm diameter
- Multiple lengths available
- Low back reflection and insertion loss
- PVC jacket
- Ceramic ferrule
- UL, RoHS Compliant
- Custom configurations available

Singlemode Duplex UPC Polish
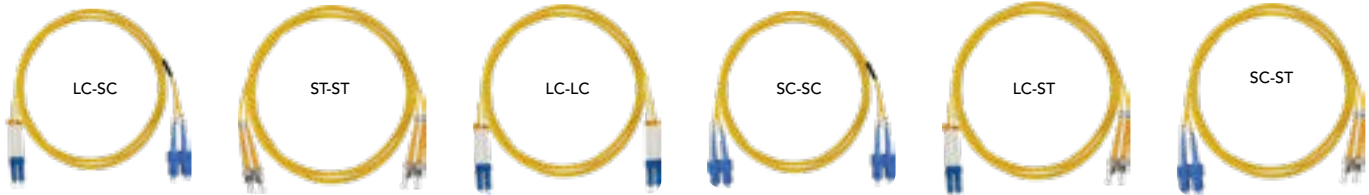
Size	ST-ST	LC-ST	LC-SC	SC-SC	SC-ST	LC-LC
1m	261-STST/1SM	261-LCST/1SM	261-LCSC/1SM	261-SCSC/1SM	261-SCST/1SM	261-LCLC/1SM
2m	261-STST/2SM	261-LCST/2SM	261-LCSC/2SM	261-SCSC/2SM	261-SCST/2SM	261-LCLC/2SM
3m	261-STST/3SM	261-LCST/3SM	261-LCSC/3SM	261-SCSC/3SM	261-SCST/3SM	261-LCLC/3SM
5m	261-STST/5SM	261-LCST/5SM	261-LCSC/5SM	261-SCSC/5SM	261-SCST/5SM	261-LCLC/5SM
7m	261-STST/7SM	261-LCST/7SM	261-LCSC/7SM	261-SCSC/7SM	261-SCST/7SM	261-LCLC/7SM
10m	261-STST/10SM	261-LCST/10SM	261-LCSC/10SM	261-SCSC/10SM	261-SCST/10SM	261-LCLC/10SM
15m	261-STST/15SM	261-LCST/15SM	261-LCSC/15SM	261-SCSC/15SM	261-SCST/15SM	261-LCLC/15SM

Features:
- Multimode duplex fiber optic patch cord
- UPC polish
- 9/125
- 3.0mm diameter
- Multiple lengths available
- Low back reflection and insertion loss
- PVC jacket
- Ceramic ferrule
- UL, RoHS Compliant
- Custom configurations available

OM3 Multimode Duplex PC Polish

Size	ST-ST	LC-ST	LC-SC	SC-SC	SC-ST	LC-LC
1m	263-STST/1MM	263-LCST/1MM	263-LCSC/1MM	263-SCSC/1MM	263-SCST/1MM	263-LCLC/1MM
2m	263-STST/2MM	263-LCST/2MM	263-LCSC/2MM	263-SCSC/2MM	263-SCST/2MM	263-LCLC/2MM
3m	263-STST/3MM	263-LCST/3MM	263-LCSC/3MM	263-SCSC/3MM	263-SCST/3MM	263-LCLC/3MM
5m	263-STST/5MM	263-LCST/5MM	263-LCSC/5MM	263-SCSC/5MM	263-SCST/5MM	263-LCLC/5MM
7m	263-STST/7MM	263-LCST/7MM	263-LCSC/7MM	263-SCSC/7MM	263-SCST/7MM	263-LCLC/7MM
10m	263-STST/10MM	263-LCST/10MM	263-LCSC/10MM	263-SCSC/10MM	263-SCST/10MM	263-LCLC/10MM
15m	263-STST/15MM	263-LCST/15MM	263-LCSC/15MM	263-SCSC/15MM	263-SCST/15MM	263-LCLC/15MM

Features:
- Multimode duplex fiber optic patch cord
- PC polish
- 50/125
- 2.0mm diameter
- Multiple lengths available
- Low back reflection and insertion loss
- PVC jacket
- Ceramic ferrule
- UL, RoHS Compliant
- Custom configurations available

FIBER

COPPER

SPEED

FIBER:
- higher bandwidth over longer distances, up to 400MHz/km
- signal can run for longer, and needs less boosting

COPPER:
- electrical signals stay electrical signals, no need to convert to light

DURABILITY

FIBER:
- can be submerged into H2O, less susceptible to temperature fluctuations

COPPER:
- less fragile/breakable, not many protective layers required around conductors

INSTALLATION

FIBER:
- easier installation, smaller, more flexible, easier to pull
- lighter, easier to transport, easier to test

COPPER:
- cheaper and quicker installation, easier/quicker termination
- much easier to split cable

MAINTENANCE

FIBER:
- cheaper/less maintenance required, less downtime/repair time, less networking hardware required

COPPER:
- easier termination/splitting
- recabling needed for higher network performance

Ethernet was originally developed by Xerox. Started in the 1970s, it went commercial in 1980.

The origin of fiber optic cable technology is a bit more drawn out. In fact, one of its first uses was when NASA sent it to the moon for use in television cameras in 1969.

Both of these cabling solutions have been going strong for decades. So from a historical perspective they're on equal footing.

COPPER OR FIBER?

Each solution has its fair share of pros and cons. With unique benefits and limitations to each technology, it hardly seems like they're competing technologies at all.

Fiber is great for faster speeds, security and data delivery over super-long distances. But on the flipside, it's brittle, a bit unwieldy, and much more expensive.
Copper is getting faster, but it has some notable limitations with regard to distance. In its unshielded form, it can also be prone to interference.

So what's better? It depends...
Glass is great for outdoor applications and you can transmit a lot of data over incredible distances with fiber cabling.
However, once you're actually at the cabinet or close to the roofline of a home or building, the choice becomes more nuanced. This is where ethernet copper cable is giving fiber a run for its money.

Single mode fiber can reach distances 50x greater than multimode can accommodate.

Multi mode fiber – the short distance version, typically reaches up to 10 Gbits/s over lengths of up to 600 m or 2000 ft.

Single Mode Fiber

Multi Mode Fiber
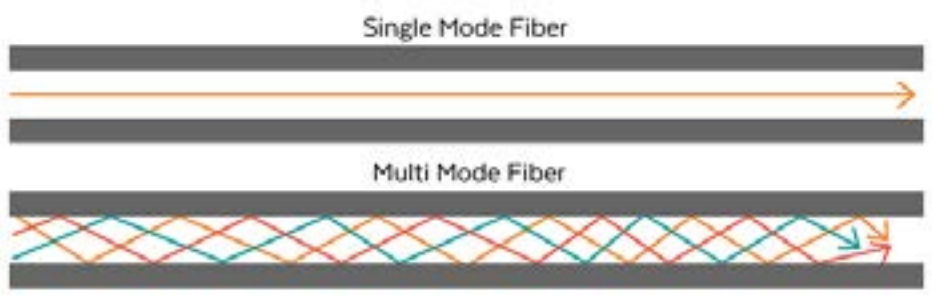
Telephone Cords (Terminated)

Phone Cords serve the sole purpose of transmitting voice data between telephones. 6 position and 4 conductor cords (RJ11) are used primarily for home land lines and single line connections. 6 position and 6 conductor cords (RJ12) have the capacity to carry more data and are therefore used for multiple-line office phones. Vertical Cable conveniently carries both varieties in various lengths in the widely used silver-satin color.

4C

091-701/4C/7S

RoHS

6C

091-710/6C/7S

RoHS

Length	4 Conductor	6 Conductor
7ft	091-701/4C/7S ⚪	091-710/6C/7S ⚪
14ft	091-704/4C/14S ⚪	091-713/6C/14S ⚪
25ft	091-707/4C/25S ⚪	091-716/6C/25S ⚪

Features:
- PVC Jacket, Silver Satin
- 7-Strand CCA Conductors
- 6P4C (RJ11 Termination) and 6P6C (RJ12 Termination) Available
- RoHS Compliant
- Available in 7ft, 14ft, and 25ft lengths
- Straight through-pinout

Telephone Wire: 4 Conductor (Not Terminated)

Jacket
Insulation
Conductor

Item #	Description
091-719/4C/1K	Phone Cord, 6P4C, 28AWG, Silver Satin, Stranded, 1000ft Spool ⚪
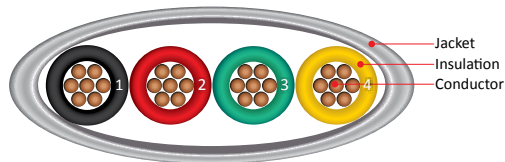
Features:
- PVC Jacket, Silver Satin
- 7-Strand CCA Conductors
- 4 Conductor (RJ11)
- RoHS Compliant
- 1000ft Spool

RoHS

Telephone Wire: 6 Conductor (Not Terminated)

Jacket
Insulation
Conductor

Item #	Description
091-722/6C/1K	Phone Cord, 6P6C, 28AWG, Silver Satin, Stranded, 1000ft Spool ⚪

Features:
- PVC Jacket, Silver Satin
- 7-Strand CCA Conductors
- 6 Conductor (RJ12)
- RoHS Compliant
- 1000ft Spool

RoHS

Punch Down Blocks & Accessories

Punch Down Blocks and Accessories

Vertical Cable's punch down blocks are essential in telephony applications. The copper wires can be punched directly into the IDC slots. Perfect for use with Vertical Cable CAT3/5E Multipair. The wires can be punched down using Vertical Cable punch down tools. Various accessories are available.

043-SA1-100

048-120/WDS

091-1P/CC/WB/B

043-S66M150
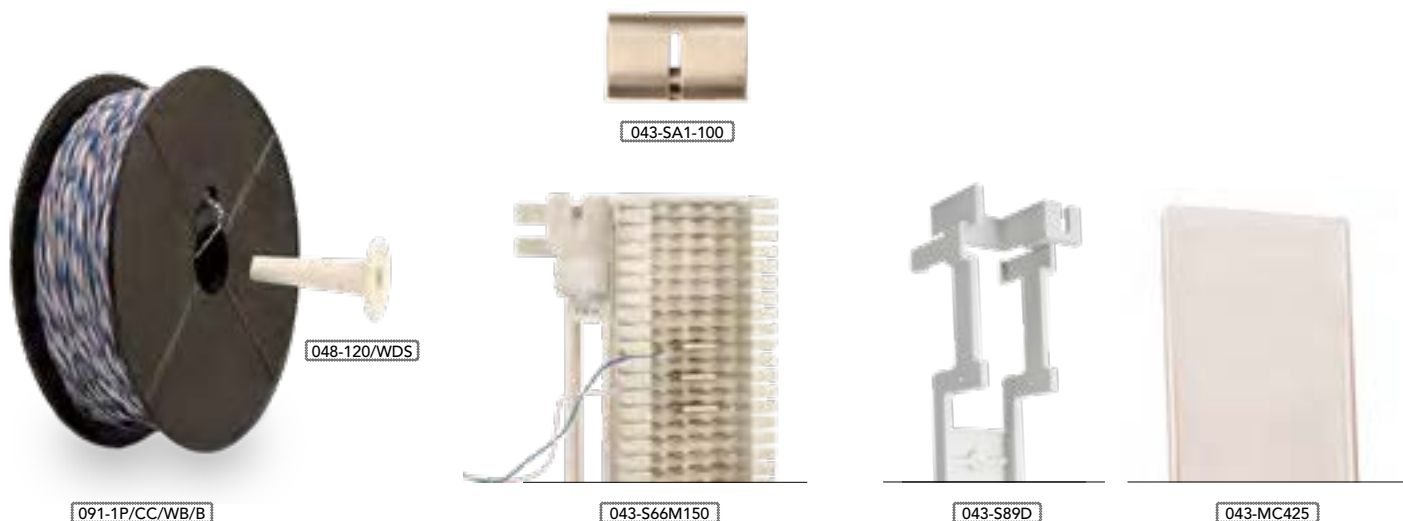
043-S89D

043-MC425

Item #	Description
043-S66M150	Siemon 66 Block, 50-Strip Punch Down Block, No Cover, No Brackets
043-S89D	Siemon 66 Block Bracket - Beige
043-MC425	Snap on Cover for S66 Punch Block
043-S110AB2100F	Siemon 110 Field Termination Kit, Accessories & Labels Included, Ivory
043-SA1-100	Siemon 66 Block 2 Position Bridging Clip
048-120/WDS	Wire Distribution Spool, White
091-1P/CC/WB/B	Cross Connect Cable, 1 Pair, 1000ft

Features:

- Blocks are the cost saving standards for phone system connections
- Covers and Clips Available
- Wire distribution spool nearly holds in place, guides and retains wires around punch-block installations; for use with CAT3/5E Multipair

Designed by Pressfoto / Freepik

Call Us
800.749.2447 (FL)
845.391.8318 (NY)
951.696.7772 (CA)
if You Have Any Questions

Vertical Cable Team

GLOSSARY

ATTENUATION
A reduction in signal strength commonly occurring while transmitting analog or digital signals over long distances.

BRAID
Strands of copper or aluminum or tinned copper woven together in a braid patter and used as a shield.

CABLE
an insulated wire or wires having a protective casing and used for transmitting electricity or telecommunication signals.

CABLE CORE
The conductors of a cable. They are generally copper wire.

CABLE ELECTRICAL CHARACTERISTICS
Properties include attenuation, capacitance, impedance and shielding.

CHARACTERISTIC IMPEDANCE
The characteristic impedance or surge impedance of a uniform transmission line is the ratio of the amplitudes of voltage and current of a single wave propagating along the line; that is, a wave travelling in one direction in the absence of reflections in the other direction.

CL2
It stands for "Class 2 Remote-Control, Signaling, and Power-Limited Circuits" cable, which indicates that the cable is suitable for in-wall installation and use for certain low-voltage applications.

CL3
It mirrors the definitions of Class 2 wire. Insulation rating is 300v.

CL3P
Class 3 plenum cable

CM
It stands for "Communications Multipurpose" cable, which indicates that the cable is a communications cable suitable for in-wall installation.

COATING
A covering that is applied to the surface of an object, usually referred to as the substrate. The purpose of applying the coating may be decorative, functional, or both.

COAXIAL CABLE
A type of electrical cable that has an inner conductor surrounded by a tubular insulating layer, surrounded by a tubular conducting shield.

COMPOSITE CABLE
Are used for standard definition connections. There are three separate colored wires in a composite cable: Red and white for left audio and right audio. Yellow for video.

CONDUCTOR
A material or object that permits an electric current to flow easily.

CONDUCTOR CORE
Center strand or member where one or more layers of wires or members are laid helically to form a concentric-lay or rope-lay conductor.

CONNECTOR
A device for keeping two parts of an electric circuit in contact.

CONTINUITY
Continuous electrical current flow through a length of wire.

CONTINUITY CHECK
The checking of an electric circuit to see if current flows (that it is in fact a complete circuit).

CONTINUOUS LENGTH
One length of wire or cable without splices.

CONTROL CABLE
Multi-conductor cables used in automation and instrumentation applications. Control cables can measure and regulate transmissions of automated processes. Control cables are often UL rated. Some stranded construction include:

UNILAY
Conductors are twisted together with the same lay direction and cable lay length and have a well-defined geometric configuration and defined cross-section.

BUNCHED
Formed from any number of wires twisted together in the same direction, such that all strands have the same lay length, but no specific geometric arrangement.

CORD
A long slender flexible material usually consisting of several strands (as of thread or yarn) woven or twisted together.

CRIMP TERMINATION
Performed when the device requires a contact or terminal.

cUL
UL marking for products certified in Canada.

dB
Decibel - Logarithmic unit that indicates the ratio of a physical quantity, It expresses power loss in cables.

DIELECTRIC
An electrical insulator that can be polarized by an applied electric field.

DIRECT BURIAL RATED
A kind of communications or transmissions electrical cable which is especially designed to be buried under the ground without any kind of extra covering, sheathing, or piping to protect it.

DRAIN WIRE
A wire wrapped around or part of a shield within a cable that reduces the resistance from any point on the shield to ground.

EIA
Electronics Industries Association - was a standards and trade organization composed as an alliance of trade associations for electronics manufacturers in the United States.

ETHERNET
A system for connecting a number of computer systems to form a local area network, with protocols to control the passing of information and to avoid simultaneous transmission by two or more systems.

ETL
Edison Testing Laboratories - Now known as Intertek Group is a multinational inspection, product testing and certification company.
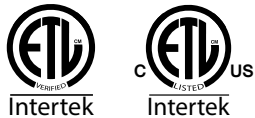
FIBER OPTIC
Thin transparent fibers of glass or plastic that are enclosed by material of a lower refractive index and that transmit light throughout their length by internal reflections.

There are three basic kinds of fiber optic cables:
Plastic – Uses visible light as the signal-carrying medium.
Multi-mode – Made of glass and can come in various diameters.
Single-mode – The king of fiber. It has two windows, they are at different wavelengths, 1300 nm and 1550 nm.

FLAME RATINGS
For flammability tests, refer to regulatory agencies: FT1, FT2, FT4, FT6, UL 1666 Riser, IEEE1202, IEC 332-3, UL 1685 Vertical-Tray, UL 1581 Section 1061, VW-1, UL 1581 Section 1060 and UL 1581 Section 1090.

FLAME RESISTANT
A substance that is applied to fabric, wood, or other material in order to make it resistant to catching fire. Also called fire retardant.

FLEX LIFE
The capability of a material (as nylon or rubber) to withstand repeated bending without fracture.

FLEXIBILITY
The ease with which a cable may be bent.

FLEX TEST
Test to determine the ability of a cable to withstand repeated bending and twisting.

FLEXIBLE CORD
Internationally recognized - Harmonized standards of the US, Canada and Mexico.

FOIL SHIELDS
Consist of two layers, a metal layer and a plastic substrate of polyester.

HDPE
High Density Polyethylene - Can be used as an insulation or jacket material.

HEAT RESISTANCE
Ability of a material to maintain physical and chemical identity and electrical integrity under specified temperature conditions.

HERTZ (Hz)
A unit of frequency, expressed in cycles per second.

INSULATION
Material having high resistance to the flow of electric current.

JACKET
Outer covering, usually nonmetallic.

LEGEND
Indent or ink print on inner conductor of finished jacket to identify cable.

LLD PE
Linear low-density polyethylene - Can be used as an insulation or jacket material.

LS
Low Smoke.

LSHF
Low Smoke Halogen Free.

LSZH
Low Smoke Zero Halogen.

MESSENGER WIRE
Metallic supporting member either solid or stranded which may also perform the function of a conductor.

MULTI-CONDUCTOR
Cable consisting of many conductors and is common in control applications.

GLOSSARY

NYLON
Strong polyamide polymer used for wire, cable jacketing, fillers and rope.

OD
Outside Diameter.

OF HC
Oxygen-Free, High Conductivity copper. It has no residual deoxidant, 99.95% minimum copper content and an average annealed conductivity of 101%.

OHM (Ω)
Unit of measure for resistance such that a constant current of one ampere produces a force of one volt.

PAIR
Two insulated wires of a single circuit associated together.

PE
Polyethylene - Can be used as an insulation or jacket material.

PLENUM
Air return path of a central air handling system, either ductwork or open space over a dropped ceiling.

PLENUM-RATED CABLES
Cables that are jacketed with a fire resistant plastic jacket of either a low-smoke PVC (polyvinyl chloride) or a FEP (fluorinated ethylene polymer).

POLYETHYLENE (PE)
a tough, light, flexible synthetic resin made by polymerizing ethylene.

PVC
Polyvinyl Chloride - Can be used as an insulation or jacket material.

QUAD
Is more common in coax cable as the amount of layers of shielding (four layers).

QC/QA
Quality Control/Quality Assurance.

RATED TEMPERATURE
Maximum temperature at which an electric component can operate for extended periods without loss of its basic properties.

RATED VOLTAGE
Maximum voltage allowed for the cable during normal operating conditions.

REEL
Flanged cylinder made of wood, metal or plastic that holds wire for process and shipping.

RESISTANCE (Ω)
In DC circuits, the opposition a material offers to current, measured in ohms. In AC circuits, resistance is the real component of impedance, and may be higher than the value measured at DC.

RG6 COAXIAL CABLE
RG6 is the recommended coaxial cable for distributing signals from cable TV, satellite dish or from a roof-top antenna.

RIPCORD
Material inlaid below jacket to easily split jacket without tools during installation.

RISER
Pathways for indoor cables that pass between floors. It is typically a vertical shaft or space. A riser cable rating indicates good flammability characteristics, but not necessarily low smoke or halogen free materials.

RJ45
Registered Jack type 45 (8P8C), typically used to terminate twisted pair cable.

RoHS
Restriction of the use of certain Hazardous Substances - European Union regulations set maximum concentration limits on hazardous materials

SELF-EXTINGUISHING
Characteristic of a material whose flame is extinguished after the igniting flame is removed.

SEMI-CONDUCTOR
A solid substance that has a conductivity between that of an insulator and that of most metals, either due to the addition of an impurity or because of temperature effects.

SHIELD COVERAGE
Amount of cable core surface area which is covered by a shield.

SHIELD EFFECTIVENESS
Relative ability of a shield to screen out undesirable signals or interference.

SOLID CONDUCTOR
Conductor that is made up of a single wire, less flexible than stranded conductors.

SPEC.
Abbreviation for product specifications.

STRANDED CONDUCTOR
Conductor composed of a group of wires, usually twisted, or of any combination of such groups of wires.

UNSHIELDED CABLE
Unshielded cable is appropriate where no noise is present, such as no crosstalk from adjacent wire. Twisted pairs, especially in data, are often unshielded.

WALL THICKNESS
Measurement of insulation or jacket material thickness.

INDEX

FLIP THE CATALOG FOR VERTICAL CONNECTIVITY

Welcome to
Vertical Cable Plant

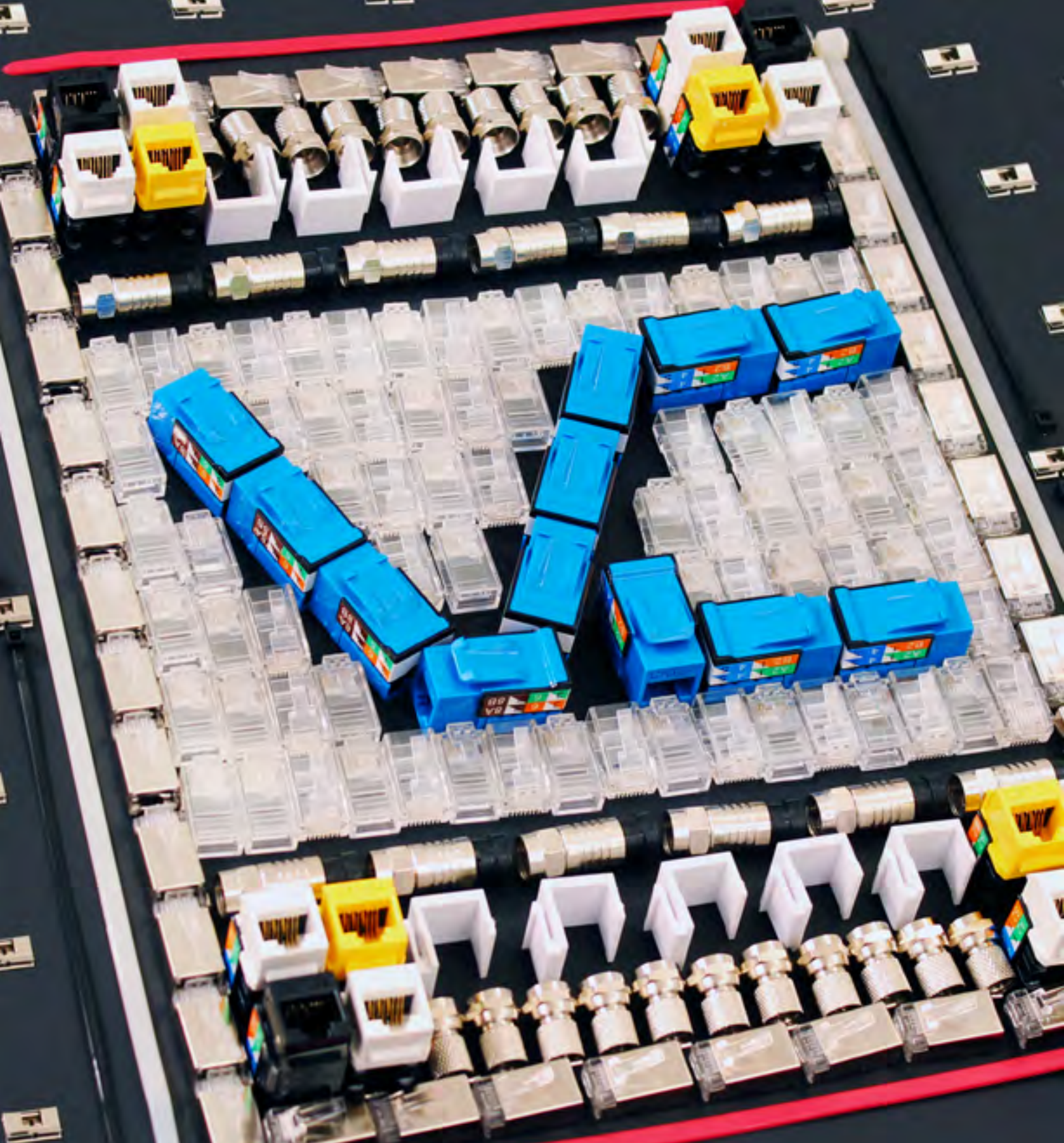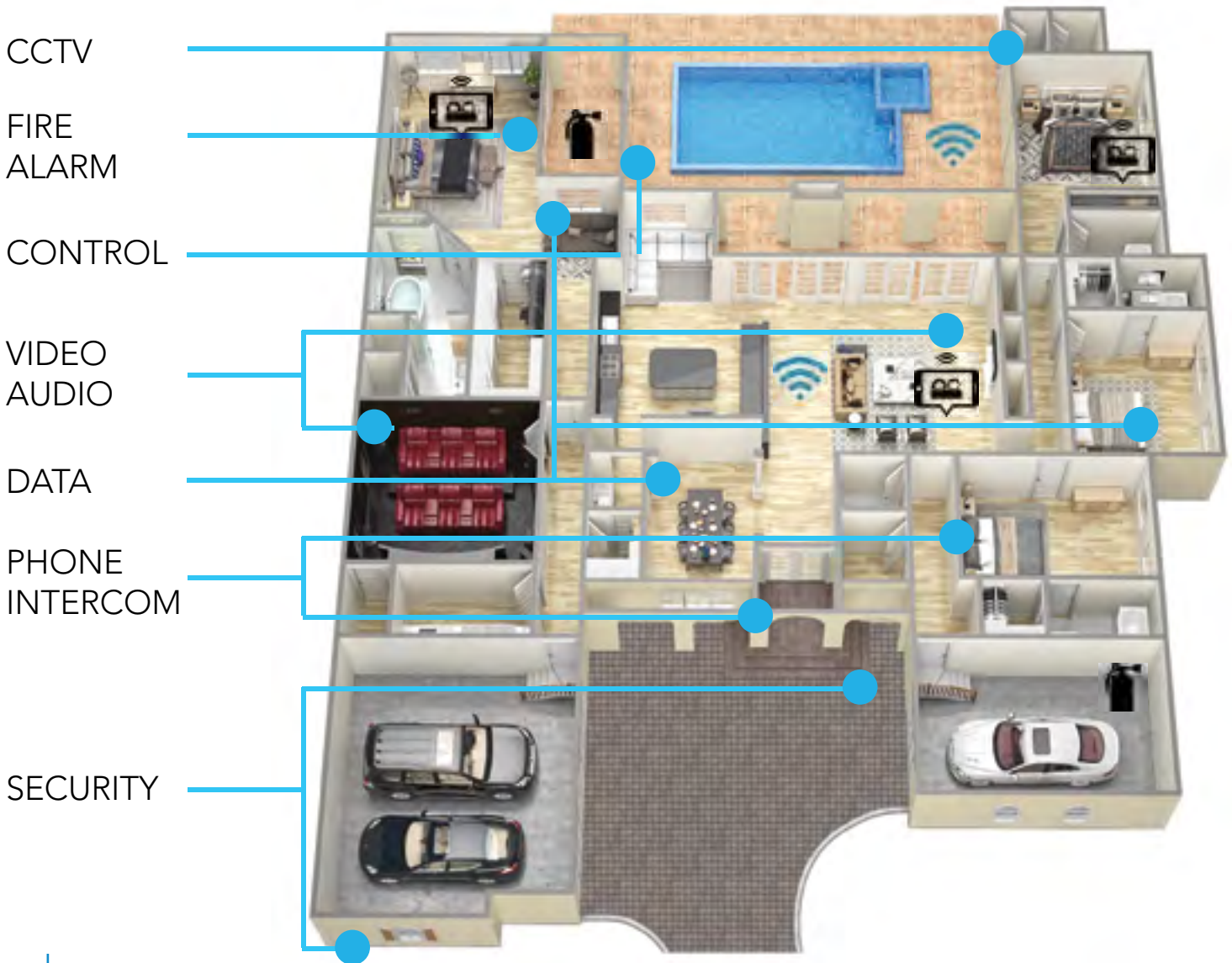**Schedule Your Private Factory Tour**

Watch Video

Cabling Smarter with Vertical Cable

By providing a full package of products for the installation your customers can be assured that all of the products were specifically designed to work together seamlessly.

- CCTV
- FIRE ALARM
- CONTROL
- VIDEO AUDIO
- DATA
- PHONE INTERCOM
- SECURITY

Inserts, Inline Couplers, Coax Connectors
Wall Plates, Brackets, Junction Boxes

Patch Panels, Jacks, Plugs, Tools
Racks, Wall Mounts, Enclosures, Lockboxes

Network Cabinets, Ties, Velcro Tie Wraps
J-Hooks, Raceways
Wire Managers

VERTICAL CABLE

Vertical Cable Smart Choice for Smarter Home

ETL Intertek — c(UL)us LISTED — RoHS — TAA COMPLIANT

RG6 & RG59 Coax Cable (Standard & Quad Shield)
Cat5E CMR and CMP
Cat6 CMR and CMP
Direct Burial Cable
Fire Alarm Cable
Security Cable
Control Cable
Audio cable
HDMI cable
Fiber Optic

CONNECTIVITY PRODUCTS

Black

Blue

Ivory

Almond

Orange

White

Green

Red

Yellow

Gray

Purple

CAT5E V-Max Keystone Jacks

Vertical Cable CAT5E Jacks are the perfect fit for computer network and Ethernet CAT5E modular connections. The jacks feature flexible tabs that snap in and out of patch panel, surface mount box and wall plate ports. Additionally, these jacks fit and work with the I-Punch tool. The tool terminates all conductors in one punch and saves the installer the lengthy process of individual wire termination.

LIFETIME WARRANTY

Item #	Description	
351-V2612/AL	CAT5E V-Max, 8 Positions, 8 Conductors, Almond	
351-V2601/AL/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Almond	
351-V2613/BK	CAT5E V-Max, 8 Positions, 8 Conductors, Black	
351-V2602/BK/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Black	
351-V2614/BL	CAT5E V-Max, 8 Positions, 8 Conductors, Blue	
351-V2603/BL/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, Blue	
351-V2615/GR	CAT5E V-Max, 8 Positions, 8 Conductors, Green	
351-V2604/GR/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, Green	
351-V2616/GY	CAT5E V-Max, 8 Positions, 8 Conductors, Gray	
351-V2605/GY/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Gray	
351-V2617/IV	CAT5E V-Max, 8 Positions, 8 Conductors, Ivory	
351-V2606/IV/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Ivory	
351-V2618/OR	CAT5E V-Max, 8 Positions, 8 Conductors, Orange	
351-V2607/OR/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Orange	
351-V2619/PR	CAT5E V-Max, 8 Positions, 8 Conductors, Purple	
351-V2608/PR/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Purple	
351-V2620/RD	CAT5E V-Max, 8 Positions, 8 Conductors, Red	
351-V2609/RD/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 Pieces, Red	
351-V2621/WH	CAT5E V-Max, 8 Positions, 8 Conductors, White	
351-V2610/WH/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, White	
351-V2622/YL	CAT5E V-Max, 8 Positions, 8 Conductors, Yellow	
351-V2611/YL/25	CAT5E V-Max, 8 Positions, 8 Conductors, 25 pieces, Yellow	

Applications:
- 10Base-T Ethernet
- 155/622 Mbps ATM
- 4/16 Mbps Token Ring
- 100VG-Any LAN

Features:
- Available in various colors for easy Identification
- Category-5E UL Verified
- 8 Conductor nickel plated phosphor bronze contacts
- 110-IDC Contacts (Terminal Block)
- Narrow connectors allow high port density in small areas
- ANSI/TIA-568-C.2, FCC, 3P
- ISO/IEC11801 2nd edition EN50173 2nd edition
- Color coded for 568A and 568B
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm)   19.75H x 17W x 31.1D

Housing Materials
- Housing   UL 94V-0 self extinguished plastic
- DC Housing   UL 94V-0 self extinguished plastic

Contact Material
- IDC 110 Contacts   Phosphor bronze, nickel plated
- Nose Contacts   50µ of gold plating over nickel
- Operating Life   Minimum 750 insertions
- Compatibility   22 to 26 AWG Solid
- PCB   FR-4, 1.6mm double sided
- Cap   UL 94V-0 rated

CAT5E Shielded Keystone Jack

Vertical Cable CAT5E Shielded Jacks protect the cable connection from EMI. As do all Vertical Cable jacks, these Jacks feature flexible tabs that snap in and out of patch panel and wall plate ports. The IDCs are color coded with both wiring codes, A and B.

Item #	Description
301-J2630/S	CAT5E Jack, Shielded, Data Grade, 90° Degree, 8x8 Conductors

RoHS   c(ETL)us Intertek

Note: Shielded Jack is not compatible with I-Punch Tool

Features:
- 360° Shielding Structure to prevent EMI
- 110/Krone Type Contacts (Terminal Block)
- Color Coded for 568A and 568B
- EIA/TIA 568A/B standards
- ANSI/TIA-568-C.2 , ISO/IEC11801, EN50173-1
- Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant
- 50 per bag

Physical Specification
- Dimension (mm)   19.35H x 21W x 46.83D

Housing Material
- Housing & Cap   Polycarbonate

Contact Material
- 110/Krone Type Contacts   100µ Inch nickel plated over phospor bronze
- IDC Operating Life   Minimum 250 re-terminations
- Jack Contact over nickel   Phospor bronze, 50µ inch gold plating
- Jack Operating Life   Minimum 750 insertions
- Compability   23 to 26 AWG (solid)
- Shielded Cover phospor bronze   50~60µ inch nickel plated over

Electrical
- Dielectric Strength   1000V RMS for 1min
- Insulation resistance   10mΩ min
- Contact Resistance   2mΩ per contact
- Temperature Range   -10°C to 60°C max
- Humidity   10%~65% AN

Termination instructions for Shielded Keystone Jacks

1

Strip cable jacket about 2 inches and lay the conductors according to desired color map and terminate.

2

Wrap the drain wire around the jacket of the cable.

3

Make sure drain wire makes contact with the shield body when cover is installed and closed.

4

Use the zip tie and tighten and lock the cover to the housing

---

With This Product You May Need:

Punch-Down Tools

078-1028

078-1025

078-1023

Wall Plates
304, 305, 306, 307, 308 Series

Ties, Velcro Tie Wraps
045 Series

CAT3 V-Max Keystone Jacks

Vertical Cable CAT3 Keystone Jacks are the perfect fit for Modular connector and for voice grade structured cabling systems. These Jacks feature flexible tabs that allow them to be snapped in and out of blank patch panels and wall plate ports.

As an added bonus, these jacks are designed to fit and work with our I-Punch tool. The tool terminates all conductors in one punch and saves the installer the lengthy process of individual wire termination. Save installation time by using the I-Punch tool together with the CAT3 Keystone Jacks.

LIFETIME WARRANTY

Almond

Ivory

White

Applications:

- 10Base-T Ethernet
- 155/622 Mbps ATM
- 4/16 Mbps Token Ring
- 100VG-Any LAN

Item #	Description	
350-V2501/AL	CAT3 V-Max, 8 Positions, 6 Conductors, Almond	◯
350-V2506/IV	CAT3 V-Max, 8 Positions, 6 Conductors, Ivory	◯
350-V2510/WH	CAT3 V-Max, Positions, 6 Conductors, White	◯

PHYSICAL SPECIFICATIONS
- Dimension (mm) 19.75H x 17W x 31.1D

Housing Materials
- Housing UL 94V-0 self extinguished plastic
- IDC Housing UL 94V-0 self extinguished plastic

Contact Material
- IDC 110 Contacts Phosphor bronze, nickel plated
- Nose Contacts 50μ gold plating over nickel
- Operating Life Minimum 750 insertions
- Compatibility 22 to 26 AWG Solid

Features:

- Category3 UL Verified
- 4 Conductor solder-plated phosphor bronze contacts
- 110-IDC Contacts (Terminal Block)
- Narrow connectors allow high port density in small areas
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant
- 50 per bag

Black

Blue

Ivory

Almond

Orange

White

Green

Red

Yellow

Gray

Purple

CAT6 V-Max Keystone Jacks

CAT6 V-Max Jacks are also compatible with the Vertical Cable I-Punch tool hat saves installation time. These sturdy jacks hold well, and can be snapped in and out of multiple times.

LIFETIME WARRANTY

Item #	Description	
352-V2712/AL	CAT6 V-Max, 8 Positions, 8 Conductors, Almond	○
352-V2701/AL/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Almond	○
352-V2713/BK	CAT6 V-Max, 8 Positions, 8 Conductors, Black	●
352-V2702/BK/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Black	●
352-V2714/BL	CAT6 V-Max, 8 Positions, 8 Conductors, Blue	●
352-V2703/BL/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Blue	●
352-V2715/GR	CAT6 V-Max, 8 Positions, 8 Conductors, Green	●
352-V2704/GR/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Green	●
352-V2716/GY	CAT6 V-Max, 8 Positions, 8 Conductors, Gray	●
352-V2705/GY/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Gray	●
352-V2717/IV	CAT6 V-Max, 8 Positions, 8 Conductors, Ivory	○
352-V2706/IV/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pieces, Ivory	○
352-V2718/OR	CAT6 V-Max, 8 Positions, 8 Conductors, Orange	●
352-V2707/OR/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Orange	●
352-V2719/PR	CAT6 V-Max, 8 Positions, 8 Conductors, Purple	●
352-V2708/PR/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Purple	●
352-V2720/RD	CAT6 V-Max, 8 Positions, 8 Conductors, Red	●
352-V2709/RD/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pieces, Red	●
352-V2721/WH	CAT6 V-Max, 8 Positions, 8 Conductors, White	○
352-V2710/WH/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, White	○
352-V2722/YL	CAT6 V-Max, 8 Positions, 8 Conductors, Yellow	●
352-V2711/YL/25	CAT6 V-Max, 8 Positions, 8 Conductors, 25 Pack, Yellow	●

Features:

- Available in various colors for easy Identification
- 8 Conductor solder-plated phosphor bronze 110-IDC contacts
- Narrow connectors allow high port density in small areas
- EIA/TIA 568A/B standard
- ISO/IEC11801 2nd edition EN50173 2nd edition
- ANSI/TIA-568-C.2, FCC, 3P
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm)   19.75H x 17W x 31.1D

Housing Materials
- Housing   UL 94 V-0 self extinguished plastic
- DC Housing   UL 94 V-0 self extinguished plastic

Contact Material
- IDC 110 Contacts   Phosphor bronze, nickel plated
- Nose Contacts   50µ gold plating over nickel
- Operating Life   Minimum 750 insertions
- Compatibility   22 to 26 AWG Solid
- PBC   FR-4 1.6mm double sided
- Cap   UL 94V-0 rated

Applications:

- 10Base-T Ethernet
- 155/622 Mbps ATM
- 4/16 Mbps Token Ring
- 100VG-Any LAN

c(UL)us LISTED   c(ETL)us Intertek   RoHS

CAT6 Shielded Keystone Jack

Vertical Cable CAT6 Shielded Jacks deliver protection from EMI. These work flawlessly with CAT6 shielded cables in indoor applications. Both, A and B, wiring codes are printed on the IDCs.

Item #	Description
302-J2631/S	CAT6, Jack, Shielded, 90° Degree, 8x8 Conductors

Note: Shielded Jack is not compatible with I-Punch Tool

c(UL)us LISTED   c(ETL)us Intertek   RoHS

Features:

- 360° Shielding Structure to prevent EMI
- 110/Krone Type Contacts (Terminal Block)
- Color Coded for 568A and 568B
- EIA/TIA 568A/B standards
- ANSI/TIA-568-C.2 , ISO/IEC11801, EN50173-1
- Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm)   19.35H x 21W x 46.83D

Housing Material
- Housing & Cap   Polycarbonate

Contact Material
- 110/Krone Type Contacts   100µ Inch nickel plated over phospor bronze
- IDC Operating Life   Minimum 250 re-terminations
- Jack Contact   Phospor bronze, 50µ inch gold plating over nickel
- Jack Operating Life   Minimum 750 insertions
- Compability   23 to 26 AWG (solid)
- Shielded Cover   50~60µ inch nickel plated over phospor bronze

Electrical
- Dielectric Strength   1000V RMS for 1min
- Insulation resistance   10mΩ min
- Contact Resistance   2mΩ per contact
- Temperature Range   -10°C to 60°C max
- Humidity   10%~65% AN

CAT6A Shielded Keystone Jack

Vertical Cable CAT6A Shielded Jacks offer the highest level of performance for modular connections. These work with CAT6A shielded cable, as well as lower category and unshielded cable. A and B wiring codes are stamped on the IDCs. The jacks have tough housings that snap in and out of keystone ports.

Item #	Description
303-J2637/C6AS	Category 6A Shielded Data Grade Keystone Jack 90° Degree 8x8 Conductors

Note: Shielded Jack is not compatible with I-Punch Tool

Features:
- 110/Krone Type IDC (Terminal Block)
- 360° Shielding Structure to prevent EMI
- TIA/EIA-568C.2, IEEE802.3an
- ISO/IEC11801, EN50173-1 Class EA Specification
- Comply with CISPR/FCC Class A
- 3P Verified for 10G Cat6A
- Flame retardant rating: UL 94V-0
- ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm)   19H x 21W x 38.1D

Housing Material
- Housing & Cap   Polycarbonate

Contact Material
- 110/Krone Type   100µ Inch nickel plated over phospor bronze
- IDC Operating Life   Minimum 250 re-terminations
- Jack Contact   Phospor bronze, 50µ inch gold plating over nickel
- Jack Operating Life   Minimum 750 insertions
- Compability   23 to 26 AWG (solid)
- Shielded Cover   50~60µ inch nickel plated over phospor bronze

Electrical
- Dielectric Strength   1000V RMS for 1min
- Insulation resistance   10mΩ min
- Contact Resistance   2mΩ per contact
- Humidity   10%~65% AN

CAT6A V-Max Keystone Jacks

Vertical Cable CAT6A Jacks are compatible with all our CAT6A cables. Additionally, all our CAT6A Jacks are compatible with the I-Punch tool.

LIFETIME WARRANTY

Item #	Description	
353-V2812/C6AAL	CAT6A V-Max, 8 Positions, 8 Conductors, Almond	○
353-V2813/C6ABK	CAT6A V-Max, 8 Positions, 8 Conductors, Black	●
353-V2814/C6ABL	CAT6A V-Max, 8 Positions, 8 Conductors, Blue	●
353-V2815/C6AGR	CAT6A V-Max, 8 Positions, 8 Conductors, Green	●
353-V2816/C6AGY	CAT6A V-Max, 8 Positions, 8 Conductors, Gray	●
353-V2817/C6AIV	CAT6A V-Max, 8 Positions, 8 Conductors, Ivory	○
353-V2818/C6AOR	CAT6A V-Max, 8 Positions, 8 Conductors, Orange	●
353-V2819/C6APR	CAT6A V-Max, 8 Positions, 8 Conductors, Purple	●
353-V2820/C6ARD	CAT6A V-Max, 8 Positions, 8 Conductors, Red	●
353-V2821/C6AWH	CAT6A V-Max, 8 Positions, 8 Conductors, White	○
353-V2822/C6AYL	CAT6A V-Max, 8 Positions, 8 Conductors, Yellow	○

Applications:
- 10GBase-T Ethernet
- 1000Base-Tx Gigabit Ethernet
- 100Base-Tx Fast Ethernet

Features:
- 8 Conductor solder-plated phosphor bronze 110-IDC contacts
- Improved PCB Design and IDC Geometry provide superior performance
- TIA/EIA 568C.2, IEEE802.3an for 10GBase-T Requirements
- ISO 11801, EN 50173-1 Class EA Specification
- UL94V-0 Thermoplastic ABS Housing
- UL Listed, ETL Listed, RoHS Compliant

Physical Specifications
- Dimension (mm)   19.75H x 17W x 31.1D

Housing Materials
- Housing   High-Impact Thermoplastic (UL 94 V-0)
- DC Housing   Polycarbonate (UL 94 V-0)

Contact Material
- IDC 110 Contacts   Solder-Plated Phosphor Bronze
- Nose Contacts   50µ of gold plating over nickel plating
- Operating Life   Minimum 750 insertions
- Compatibility   22 to 26 AWG Solid
- PBC   FR-4 1.6mm thickness
- Cap   High-Impact Thermoplastic (UL 94 V-0)

Black

Blue

Ivory

Almond

Orange

White

Green

Red

Yellow

Gray

Purple

Handheld Gripper   078-1039/U

Fit the I-Punch Tool   078-2150

Modular Plugs: CAT3, CAT5E, CAT6, CAT6A

Designed for round solid, stranded, or shielded cable, Vertical Cable Modular Plugs fit into jacks and patch panels. These Plugs feature gold plated contacts, and fit Vertical Cable 015 and 016 Series RJ45 Slip on Boots.

FOR CAT3

009-007/64R-100
RJ11 Modular Plug

009-008/66R-100
RJ12 Modular Plug

009-1024/44R
RJ22 Modular Plug

Compatible Crimper:
078-1017

CAT5E

011-016-100
For Round Solid / Stranded Cable

011-018EZF-100
Feed through

011-019EZF-100
Feed through
Shielded

011-020-G-100
With ground wire hook
Sheilded

011-017-100
For Solid / Stranded Cable
Shielded

CAT6

012-022-100
For Solid / Stranded Cable

012-023/EZF-100
Feed through

012-019
For Solid / Stranded Cable
Shielded

Compatible with termination tools:
078-1016
078-2152/EZC

CAT6A

012-021-100
For Solid Cable
(CAT6 and CAT6A)

012-024/10G
For Solid Cable
(CAT6 and CAT6A)

Copper Tape &
Strain Boot Included

Compatible with :
078-1016

Tester for RJ11, RJ45
078-2149

Item #	Description	
009-007/64R-100	CAT3 Plug, RJ11 Modular Plug	For Round Solid/Stranded CAT3 Telephone Cable (4C), 100pcs Pack	
009-008/66R-100	CAT3 Plug, RJ12 Modular Plug	For Round Solid/Stranded CAT3 Telephone Cable (6C), 100pcs Pack	
009-102444R-100	CAT3 Plug, RJ22 Modular Plug	For telephone handset cord, 100pcs Pack	
011-016-100	CAT5E Plug, RJ45, 8P/8C, 3 Prong, for Round Solid/Stranded Cable, 100pcs Pack	
011-017-100	CAT5E Shielded Plug, RJ45, 8P/8C, 3 Prong, for Round Solid/Stranded Cable, 100pcs Pack	
011-018/EZF-100	CAT5E Easy Feed RJ45 Plug, 8P/8C, 3 prong, for Solid/Stranded Cable, 100pcs Pack	
011-019/EZF-100	CAT5E Easy Feed RJ45 Shielded Plug, 8P/8C, 3 prong, for Solid/Stranded Cable, 100pcs Pack	
011-020G-100	CAT5E Shielded Plug W/Holder / Hook For Drain / Ground Wire, 100pcs Pack	
012-021-100	CAT6 & CAT6A Shielded Plug, RJ45, 8P/8C, 3 Prong, for Solid Cable, With Load Bar, 100pcs	
012-022-100	CAT6 RJ45 Modular Plug without load bar, 100pcs Pack	
012-023/EZF-100	CAT6 Easy Feed RJ45 Plug, 8P/8C, 3 prong, for Solid/Stranded Cable, 100pcs Pack	
012-024/10G	CAT6A RJ45, Shielded, 10G Rated, Snap in Boot Type	
012-025/EZF-100	CAT6A Easy Feed RJ45 Modular Plug for Unshielded Cable, 100pcs Pack	COMING SOON
012-026/EZF-100	CAT6A Easy Feed RJ45 Modular Plug for Shielded Cable, 100pcs Pack	COMING SOON	We'll Have a Tool for This Feedthroug Shielded Plug 078-2154/EZC/S

Features:
- Fast and easy to terminate
- Easier sequence verification
- 50 Micro-Inch Gold Plated Contacts
- Shielded for protection against EMI/RFI (shielded plugs)

012-024/10G:
- RJ45 Full Shielded Connector
- Meets ANSI/TIA 568C.2 Standards
- Suitable for PoE + IEEE 802.3 af/at
- T568A & T568B Color Codes
- Quickly Easy Termination
- Copper Tape & Strain Boot Included
- Suitable for 10G Applications

Slip-On Boots
RJ45 Slip on Boots CAT5E/CAT6

Vertical Cable PVC slip-on boots fit most CAT5E and CAT6 UTP bulk cable to provide strain relief and protects against snags for RJ45 plugs. Available in packs of 10.

10 Pack Bag

| 015-031GR-10 | 015-027BK-10 | 015-029BL-10 | 015-033GY-10 | 015-035OR-10 | 015-037RD-10 | 015-039WH-10 | 015-041YL-10 | 015-045VT-10 |

Why do you need Slip on Boots:
- Protect the connector
- Relieve stress on cable
- Maintain radius bend
- Cover external ground on shielded connector
- Protects the connector from cable snags

Features:
- 6.5mm PVC slip-on-boot
- Fits CAT3 UTP, CAT5E UTP, CAT5E F/UTP, CAT6 UTP cable
- Fits all vertical cable RJ45 plugs except the 012-021 (CAT6A Shielded Plug)
- Provides strain relief and protects RJ45 plugs from snags
- 10 per bag

FACT from CAT

The "RJ" in RJ45 stands for "registered jack," since it is a standardized networking interface. The "45" simply refers to the number of the interface standard.

INTRODUCING NEW COLOR - VIOLET

Item #	Description	
015-027BK-10	Slip-On Boot, for CAT5E/CAT6, Black	●
015-029BL-10	Slip-On Boot, for CAT5E/CAT6, Blue	●
015-033GY-10	Slip-On Boot, for CAT5E/CAT6, Gray	●
015-031GR-10	Slip-On Boot, for CAT5E/CAT6, Green	●
015-035OR-10	Slip-On Boot, for CAT5E/CAT6, Orange	●
015-037RD-10	Slip-On Boot, for CAT5E/CAT6, Red	●
015-039WH-10	Slip-On Boot, for CAT5E/CAT6, White	○
015-041YL-10	Slip-On Boot, for CAT5E/CAT6, Yellow	●
015-045VT-10	Slip-On Boot, for CAT5E/CAT6, Violet	●

RJ45 Slip on Boots CAT6/CAT6A

Vertical Cable PVC slip-on boots fit most CAT6 STP and CAT6A cable to provide strain relief and protect against snags for RJ45 plugs. Available in packs of 50.

50 Pack Bag

| 016-047GR-50 | 016-045BK-50 | 016-046BL-50 | 016-048GY-50 | 016-051RD-50 | 016-052WH-50 | 016-053YL-50 |

Item #	Description	
016-045BK-50	Slip-On Boot, for CAT6/CAT6A, Black	●
016-046BL-50	Slip-On Boot, for CAT6/CAT6A, Blue	●
016-048GY-50	Slip-On Boot, for CAT6/CAT6A, Gray	●
016-047GR-50	Slip-On Boot, for CAT6/CAT6A, Green	●
016-051RD-50	Slip-On Boot, for CAT6/CAT6A, Red	●
016-052WH-50	Slip-On Boot, for CAT6/CAT6A, White	○
016-053YL-50	Slip-On Boot, for CAT6/CAT6A, Yellow	●

Features:
- 8.5mm PVC slip-on-boot
- Fits CAT6 F/UTP, CAT6A UTP, CAT6A F/UTP cable
- Fits all vertical cable RJ45 plugs
- Provides strain relief and protects RJ45 plugs from and snags
- 50 per bag

RJ45 Inline Couplers

We offer couplers for all Category Cable, CAT5E, CAT6 and CAT6A. Whether the installation calls for Shielded or Unshielded, we have various options available. The shielded jacks will protect from excessive EMI.

CAT5E

Item #	Description
040-362/C5/S	CAT5E RJ45 Inline Coupler Extension, Shielded
040-364/C5/IV	CAT5E RJ45 Inline Coupler Extension, Ivory
040-365/C5/WH	CAT5E RJ45 Inline Coupler Extension, White
040-366/C6/S	CAT6 RJ45 Inline Coupler Extension, Shielded
040-368/C6/IV	CAT6 RJ45 Inline Coupler Extension, Ivory
040-369/C6/WH	CAT6 RJ45 Inline Coupler Extension, White
040-370/C6A/S	CAT6A RJ45 Inline Coupler Extension, Shielded

Unshielded — 040-364/C5/IV
Shielded — 040-365/C5/WH
Shielded — 040-362/C5/S

Features:
- RJ45 Female to RJ45 Female In-line Coupler
- Available Shielded and Unshielded
- UL Listed, ETL Listed, RoHS Compliant

CAT6

Unshielded — 040-368/C6/IV
040-369/C6/WH

CAT6A

Shielded — 040-366/C6/S
Shielded — 040-370/C6A/S

RJ45 Outdoor Waterproof – Shielded Couplers

Features:
- Shielded RJ45 female to female coupler
- IP67 Rated - water and dust protection
- For harsh industrial or outdoor environments
- RoHS Compliant

Item #	Description
040-380/C5/OWP	CAT5E RJ45 Outdoor Waterproof – Shielded Coupler
040-381/C6/OWP	CAT6 RJ45 Outdoor Waterproof – Shielded Coupler

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RJ45 Keystone Couplers

302-KCJ/BK 301-KCJ/BK
302-KCJ/BL 301-KCJ/BL
302-KCJ/WH 301-KCJ/WH

Front

Back
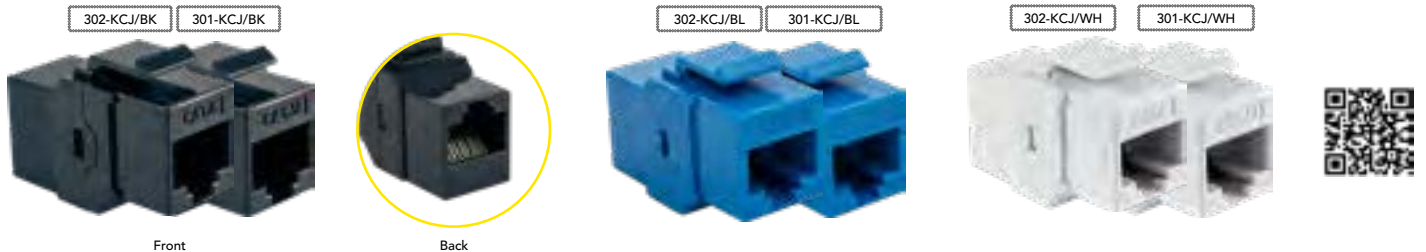
Item #	Description
301-KCJ/BK	CAT5E Keystone Coupler, Black
301-KCJ/WH	CAT5E Keystone Coupler, White
301-KCJ/BL	CAT5E Keystone Coupler, Black
302-KCJ/BK	CAT6 Keystone Coupler, Blue
302-KCJ/WH	CAT6 Keystone Coupler, White
302-KCJ/BL	CAT6 Keystone Coupler, Blue
303-KCJ/S	CAT6A Keystone Coupler, Shielded

303-KCJ/S

Junction Boxes   ▶ CAT5E Junction Boxes   ▶ CAT6 Junction Boxes

Vertical Cable Junction Boxes are used to securely join two ethernet cables together. These boxes conceal the connection and deter tampering. The shielded Junction Box protects the connection from EMI heavy environments.

CAT5E - Junction Boxes

Unshielded   Shielded

040-371/C5J/WH   040-373/C5J/S

Item #	Description
040-371/C5J/WH	Cat5E Junction Box, White, 568A and 568B Standards, Compatible with 110 & Krone Termination tools
040-373/C5J/S	Cat5E Shielded Junction Box, 568A and 568B Standards, Compatible with 110 & Krone Termination tools

Features:

- Compatible with 110 and Krone Termination Tools
- Screws, adhesive tape included
- Fire Retardant
- High-impact ABS construction
- Suitable for 22-26AWG solid wire
- T568A and T568B color codes
- Shielded or Unshielded

RoHS

040-371/C5J/WH

CAT6 - Junction Boxes

Unshielded   Shielded

040-372/C6J/WH   040-374/C6J/S

Item #	Description
040-372/C6J/WH	Cat6 Junction Box, White, 568A and 568B Standards, Compatible with 110 & Krone Termination tools
040-374/C6J/S	Cat6 Shielded Junction Box, 568A and 568B Standards, Compatible with 110 & Krone Termination tools

Features:

- Compatible with 110 and Krone Termination Tools
- Screws, adhesive tape included
- Fire Retardant
- High-impact ABS construction
- Suitable for 22-26AWG solid wire
- T568A and T568B color codes
- Shielded or Unshielded

RoHS

040-374/C6J/S

FACT from CAT
In case your cable is damaged, or you are looking for extension solutions.

Add the slip-on boots to your cable. Once an RJ45 modular plug has been crimped to a cable it cannot be temporarily removed, only cut off and replaced.

A crimping tool is used both to firmly attach the plug to the cable, and to make contact between the pins on the plug and the wires inside their colored shielding.
Our 3 prong connecters fit both solid and stranded cables.

Surface Mount Boxes - 1, 2, 4 and 6 Ports - Without Jack

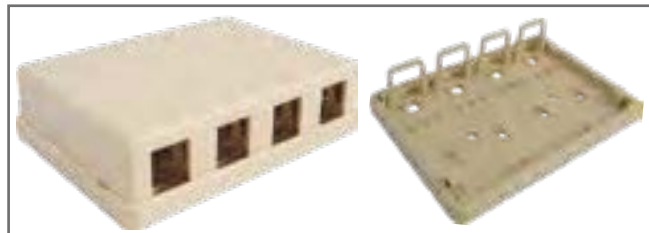| Item #	Description
039-356AL	1-Port, Surface Mount Box Without Jack, Universal, Almond
039-357IV	1-Port, Surface Mount Box Without Jack, Universal, Ivory
039-358WH	1-Port, Surface Mount Box Without Jack, Universal, White
039-359AL	2-Port, Surface Mount Box Without Jack, Universal, Almond
039-360IV	2-Port, Surface Mount Box Without Jack, Universal, Ivory
039-361WH	2-Port, Surface Mount Box Without Jack, Universal, White
039-362IV	4-Port, Surface Mount Box Without Jack, Universal, non-UL, Ivory
039-362WH	4-Port, Surface Mount Box Without Jack, Universal, non-UL, White
039-364IV	6-Port, Surface Mount Box Without Jack, Universal, non-UL, Ivory
039-365WH	6-Port, Surface Mount Box Without Jack, Universal, non-UL, White

Features:

- Universal Surface Mount Box
- 1, 2, 4, or 6-Port
- No jack inside
- Fits most standard keystone inserts
- Double sided tape, screws and cable ties included
- Two piece construction
- Available in almond, ivory or white
- UL Listed RoHS Compliant

Includes:

039-358WH

1-Port

039-359AL

2-Port

039-362IV

4-Port

039-365WH

6-Port

Easy to Install | Professional Look | Great Price & Quality

Surface Mount Boxes are ideal for spaces where a wall plate doesn't fit, or where punching a hole in the wall is not an option or impossible. The compact design of these quality surface mount boxes makes it not only easy to install but also allows space saving. Each mount box comes with screws, double-sided padded adhesive tape for hard or delicate surfaces, and a cable tie to help position the cable. Available in white, almond and ivory colors.

Surface Mount Boxes ▶ Surface Mount Boxes with Jack

Vertical Cable offers a variety of surface mount boxes, including with or without jack, shielded and unshielded. Surface Mount Boxes with a built-in jack are preconfigured to house CAT5E, CAT6 and CAT6A connections. Vertical Cable also offers Telephone Jack Boxes that comfortably accommodate telephone line connections. The surface mounts come with various ports and in two colors. They are c(UL) Listed.

Surface Mount Boxes - 1 and 2 Ports - With Jack

CAT5E

038-352WH

038-355WH

1-Port

CAT6

038-357WH

038-358IV

2-Port

CAT6A

038-C6A/1P/WH

038-C6A/2P/WH

2-Port

Includes:

Item #	Description
038-351IV	1-Port SMB with CAT5E Jack, Ivory
038-352WH	1-Port SMB with CAT5E Jack, White
038-354IV	2-Port SMB with CAT5E Jack, Ivory
038-355WH	2-Port SMB with CAT5E Jack, White
038-356IV	1-Port SMB with CAT6 Jack, Ivory
038-357WH	1-Port SMB with CAT6 Jack, White
038-358IV	2-Port SMB with CAT6 Jack, Ivory
038-359WH	2-Port SMB with CAT6 Jack, White
038-C6A/1P/WH	1-Port SMB, Shielded with CAT6A Jack, White
038-C6A/2P/WH	2-Port SMB, Shielded with CAT6A Jack, White

Vertical Cable also offers Telephone Jack Boxes Page 21

Features:

- High-impact ABS construction
- Screws, ties and double sided adhesive tape included
- Gloss finish
- 110/Krone type terminal blocks
- CAT6A Surface Mounts are shielded
- UL 94 V-0 Fire Retardant
- UL Listed

Related Products:

093-695/1YL

076-1053/7WH

077-2089/14WH

302-KJC/BL

045-V12/8BK

Coax Connectors

Vertical Cable Coax Connectors are suitable for use with our Coaxial cables.
Various options include: compression, crimping or twist-on type; brass or with plastic seal.

RG6 STANDARD SHIELD

083-1041/CP/S

083-1041/S

083-1041/PCP/S

RG6 QUAD SHIELD

083-1042/CP/Q

083-1042/Q

083-1042/PCP/Q

ADD-ON TOOLS

078-1018
Terminates RCA, BNC, RG59, RG6

078-2156
Coaxial Stripper

078-1024
Cuts wire up to 0.42-10.7mm

078-1019
Terminates RG11

RG59

083-1040/CR/B

After crimping

083-1045/PCPBNC

083-1043/CP/BNC

RG11

083-1044/CPRG11
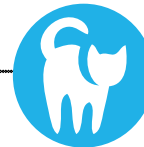
FACT from CAT
RG used to stand for "radio guide"

Plenum coax cables are much smaller in diameter and require a suitable smaller sized connector. Of course we have them!

RG6 QUAD SHIELD vs. STANDARD SHIELD:

* Quad Shield has more protection from outside interference

* Standard and Quad will last the same time - shielding does not determine the lifespan of the cable

Item #	Description
083-1041/CP/S	F Male Connector, Compression Type for RG6, Standard Shielded, 50 per bag
083-1042/CP/Q	F Male Connector, Compression Type, for RG6 Quad Shielded, 100 per bag
083-1041/S	F Male Connector, Twist-On Type, for RG6 Standard Shielded, 100 per bag
083-1042/Q	F Male Connector, Twist-On Type, for RG6 Quad Shielded, 100 per bag
083-1041/PCP/S	Plenum F-Type Connector for RG6 Plenum Coax Cable
083-1042/PCP/Q	Plenum F-Type Connector for Quad Shield RG6 Plenum Cable
083-1040/CR/B	BNC Crimping Type Connector for RG59, 100 per bag
083-1045/PCPBNC	BNC Connector Compression Type for RG59 Plenum Coax Cable
083-1043/CP/BNC	BNC Compression Type Connector for RG59, 100 per bag
083-1044/CPRG11	Compression Type Connector for RG11 Dual and Quad Shield

Features:
- Compression, crimping or twist-on types available
- Crimping and Compression types work great with Vertical Cable Crimping and Compression Tools
- Twist-on type requires no tool

Keystone Inserts & Coax Connectors

Keystone Inserts

Vertical Cable Keystone Inserts are suitable for use with Vertical Cable Audio and Coax cables. The inserts are nickel plated.

| 037-317AL | 037-318IV | 037-320BK |

| 037-319WH | 037-319WH/3G |
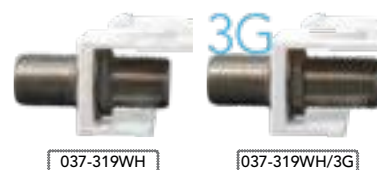
037-317AL, 318IV, 319WH, 320BK

| 037-325AL | 037-326IV | 037-327WH | 037-328BK |

Item #	Description
037-317AL	F Keystone Insert, Nickel Plated, Almond
037-318IV	F Keystone Insert, Nickel Plated, Ivory
037-319WH	F Keystone Insert, Nickel Plated, White
037-319WH/3G	F-81 Keystone Insert, Nickel Plated, 3Ghz Rated, Blue Insulator, White
037-320BK	F Keystone Insert, Nickel Plated, Black
037-325AL	Blank Keystone Insert, Almond
037-326IV	Blank Keystone Insert, Ivory
037-327WH	Blank Keystone Insert, White
037-328BK	Blank Keystone Insert, Black

Features:

• Keystone inserts snap in and out of wallplates securely
• Nickel plating

Related Products:

| 245-KJC/FF/180 | 302-KCJ/BK | 303-KCJ/S |

Large Variety of

Keystone Wall Plate
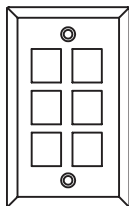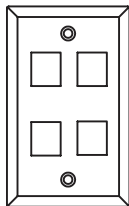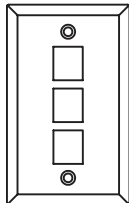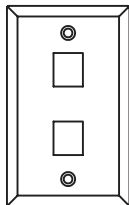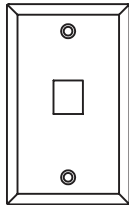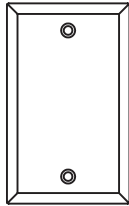
Wall Plate with ID Window
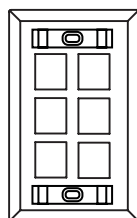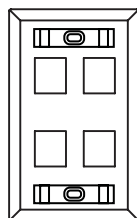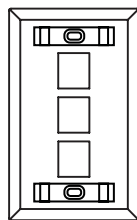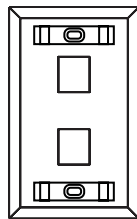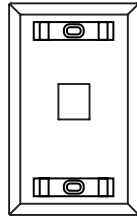
Decora Style Wall Plate

Stainless Steel Wall Plate

304 Series

305-3 Series

308 Series
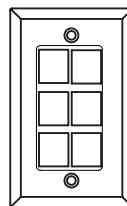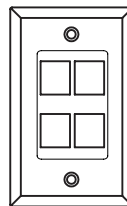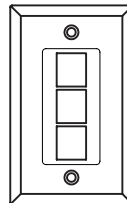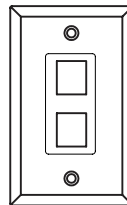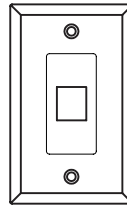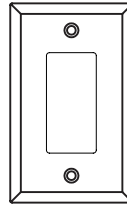
304-J26 Series
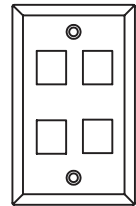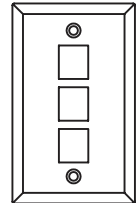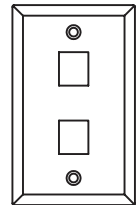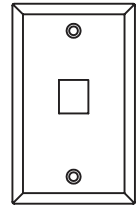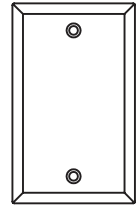
Wall Plates

HDMI & TV
Wall Plates

245-WP Series

245-WP Series

028-WP Series

028-WP/1X81/3G

028-045/4C/IV   028-067/8C/WH

Feedthrough
Wall Plates

307-500 Series

Recessed
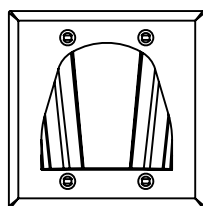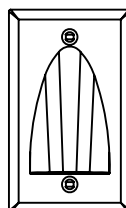
Brush Type
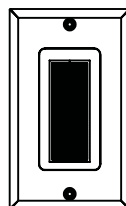
Keystone
Wall Plates - 8 & 12 Port

304-28 Series
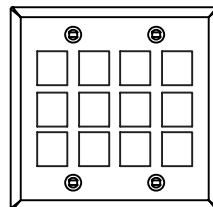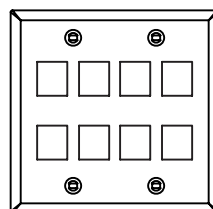
Our Wall
Plates are
compatible
with Standard
Keystone
Inserts.
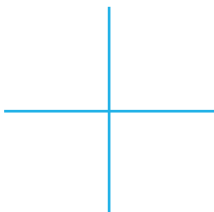
Brackets & Surface Junction Boxes

Surface Junction Boxes & Brackets

Single Gang Junction Boxes

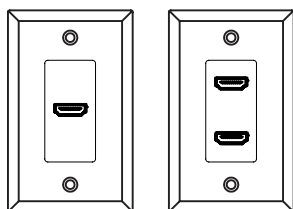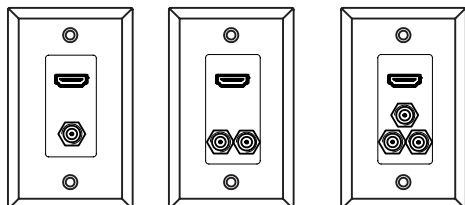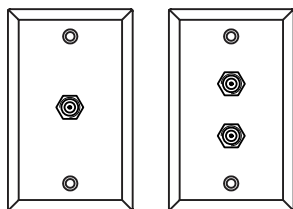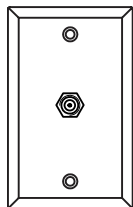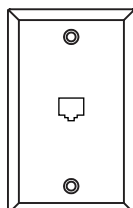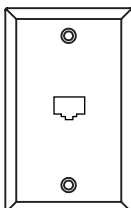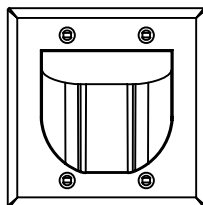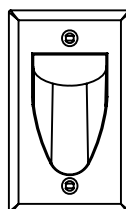Vertical Cable Surface Junction Boxes are used to securely house cable and connections coming out of walls. A wall plate is typically mounted on top. Vertical Cable Brackets are used to create doorways in walls for cable and connections to come through.
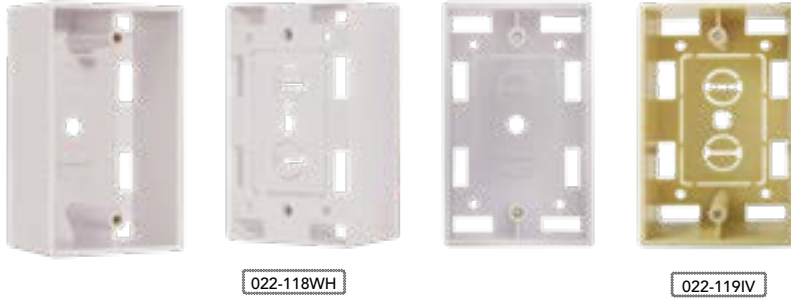
022-118WH

022-119IV

Item #	Description
022-117WH/D	Single Gang Junction Box, White, 2.75(W)x4.5(H)x1.85(D)
022-118WH	Single Gang Junction Box, White, 2.75(W)x4.5(H)x1.5(D)
022-119IV	Single Gang Junction Box, Ivory, 2.75(W)x4.5(H)x1.5(D)

Single & Double Gang Dry Wall Brackets for US Type Face Plate

022-118WH   022-DWB/1G   022-DWB/2G   022-MB/1G   022-MB/2G

Nail-on bracket Installs in 25% less time

Item #	Description
022-DWB/S	Single Gang Dry Wall Bracket for US Type Face Plate - Steel
022-DWB/1G	Single Gang Dry Wall Bracket for US Type Face Plate – Low Voltage Class 2
022-DWB/2G	Double Gang Dry Wall Bracket for US Type Face Plate – Low Voltage Class 2
022-MB/1G	Single Gang Mounting Bracket – Low Voltage
022-MB/2G	Double Gang Mounting Bracket – Low Voltage

Keystone Wall Plate, 0, 1, 2, 3, 4, 6-Port, Decora Style
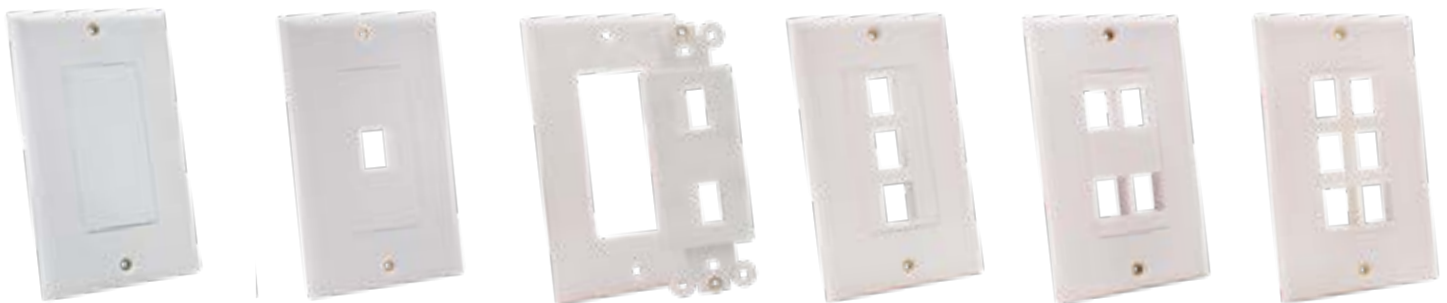
Item #	Description
308-603D/0P/WH	Keystone Wall Plate, 0-Port, Decora Style
308-607D/1P/WH	Keystone Wall Plate, 1-Port, Decora Style
308-611D/2P/WH	Keystone Wall Plate, 2-Port, Decora Style
308-615D/3P/WH	Keystone Wall Plate, 3-Port, Decora Style
308-619D/4P/WH	Keystone Wall Plate, 4-Port, Decora Style
308-623D/6P/WH	Keystone Wall Plate, 6-Port, Decora Style

Features:

- Compatible with standard keystone inserts
- High-impact ABS construction
- Smooth finish – 94 V-0 Fire Retardant
- Single Gang – Decora Style
- Matching color mounting screws

307-503F/1G/WH

Feedthrough Wall Plates, Single and Double Gang, Regular and Recessed

| 307-503F/1G/WH | 307-507F/2G/WH | 307-511R/1G/WH | 307-515R/2G/WH | 307-520B/1G/WH |
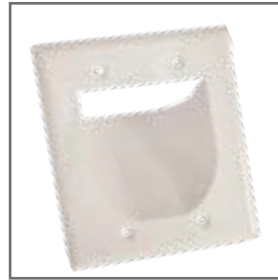
Item #	Description
307-503F/1G/WH	Feedthrough Wall Plate, Single Gang
307-507F/2G/WH	Feedthrough Wall Plate, Double Gang
307-511R/1G/WH	Feedthrough Recessed Wall Plate, Single Gang
307-515R/2G/WH	Feedthrough Recessed Wall Plate, Double Gang
307-520B/1G/WH	Feedthrough Wall Plate Brush Type, Decora Style

307-503F/1G/WH

Features:
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish

Examples of Retail Packaging

SKU: 352-V2722/YL

Wall Plate, 0, 1, 2, 3, 4-Port, Stainless Steel

Item #	Description
304-J2651/0P/S	Stainless Steel Wall Plate, 0 Port
304-J2652/1P/S	Stainless Steel Wall Plate, 1 Port
304-J2653/2P/S	Stainless Steel Wall Plate, 2 Port
304-J2654/3P/S	Stainless Steel Wall Plate, 3 Port
304-J2655/4P/S	Stainless Steel Wall Plate, 4 Port

304-J2654/3P/S

Features:
- Standard size, Single Gang
- Stainless steel finish with matching screws
- Rounded edges resist dust accumulation
- High-impact ABS construction base

Wall Plate With ID Window 1-6 Ports

Vertical Cable Keystone Wall Plates are designed to work with most Keystone Jacks and Inserts. Our Wall Plates are constructed from fire retardant plastic. They come in ivory and white with matching color screws.

305-306ID/1P/IV 305-311ID/2P/WH 305-314ID/3P/IV 305-319ID/4P/WH 305-322ID/6P/IV

305-322ID/6P/IV

Item	Ivory	White
1 Port	305-306ID/1P/IV	305-307ID/1P/WH
2 Port	305-310ID/2P/IV	305-311ID/2P/WH
3 Port	305-314ID/3P/IV	305-315ID/3P/WH
4 Port	305-318ID/4P/IV	305-319ID/4P/WH
6 Port	305-322ID/6P/IV	305-323ID/6P/WH

Features:
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish
- Comes in various colors and ports

Wall Plates

Vertical Cable Keystone Wall Plates are designed to work with most Keystone Jacks and Inserts. Our Wall Plates are constructed from fire retardant plastic. They come in various colors with matching color screws.

304-J2630/0P/WH 304-J2632/1P/IV 304-J2635/2P/IV 304-J2637/3P/AL 304-J2649/4P/BK 304-J2645/6P/WH

Item	Almond	Black	Ivory	White
Blank	304-J2628/0P/AL	-	304-J2629/0P/IV	304-J2630/0P/WH
1 Port	304-J2631/1P/AL	304-J2646/1P/BK	304-J2632/1P/IV	304-J2633/1P/WH
2 Port	304-J2634/2P/AL	304-J2647/2P/BK	304-J2635/2P/IV	304-J2636/2P/WH
3 Port	304-J2637/3P/AL	304-J2648/3P/BK	304-J2638/3P/IV	304-J2639/3P/WH
4 Port	304-J2640/4P/AL	304-J2649/4P/BK	304-J2641/4P/IV	304-J2642/4P/WH
6 Port	304-J2643/6P/AL	-	304-J2644/6P/IV	304-J2645/6P/WH
8 Port	-	-	-	304-2803/8P/WH
12 Port	-	-	-	304-2806/12P/WH

304-2803/8P/WH 304-280612/WH

Features:
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish
- Comes in various colors and ports

304-J2632/1P/IV

302-KJC/BL 037-320BK

HDMI & TV Wall Plates

Large variety of HDMI Wall Plates are available. These wall plates feature ports for all types of signals: audio, video and HDMI. Vertical Cable provides practical, cost effective combinations to accommodate each specific installation.

245-WP/1H/180

245-WP/2H/180   245-WP/2H/90

028-WP/1XF81

028-WP/1X81/3G

245-WP/H1R

245-WP/H2R

245-WP/HF81

028-WP/2XF81

Item #	Description
245-WP/1H/180	HDMI Wall Plate - 1 Port, 180°
245-WP/2H/180	HDMI Wall Plate - 2 Port, 180°
245-WP/2H/90	HDMI Wall Plate - 2 Port, 90°
245-WP/H1R	HDMI + 1XRCA Decora Wall Plate, Gold Plated, White
245-WP/H2R	HDMI + 2XRCA Decora Wall Plate, Gold Plated, White
245-WP/HF81	HDMI + F81 Decora Wall Plate, Gold Plated, White
028-WP/1XF81	TV Wall Plate with one F81 Connector
028-WP/2XF81	TV Wall Plate with two F81 Connectors
028-WP/1X81/3G	Nickel Wall Plate with one 3G F81 Connector

Features:

- HDMI, TV & Home Theater Wall Plates feature various connection combinations
- Female HDMI ports feature 180° or 90° HDMI coupler jacks

028-WP/1XF81

Wall Plates - RJ11 & RJ45 Flush Mount

Vertical Cable RJ11 & RJ45 Flush Mount Wall Plates are UL Listed constructed from fire retardant plastic. They come in various colors with matching color screws.

028-067/8C/WH

028-066/8C/IV

028-046/4C/WH
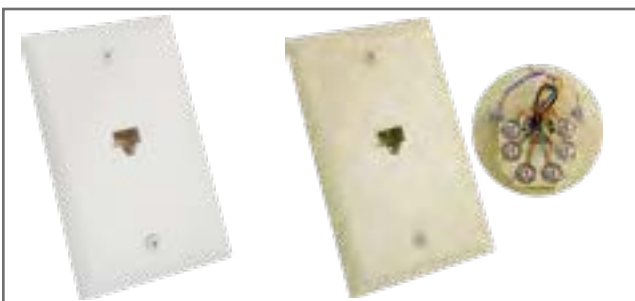
028-045/4C/IV

Item #	Description
028-045/4C/IV	RJ11 Wall Plate, 4 Conductor Jack, Ivory
028-046/4C/WH	RJ11 Wall Plate, 4 Conductor Jack, White
028-066/8C/IV	RJ45 Wall Plate, 8 Conductor Jack, Ivory
028-067/8C/WH	RJ45 Wall Plate, 8 Conductor Jack, White

Features:

- RJ11 (4 Conductor) or RJ45 (8 Conductor)
- High-impact ABS construction
- Comes with matching-color mounting screws
- Smooth finish
- Available in white and ivory
- RoHS Compliant
- 25 per bag

RoHS

Surface Raceway Accessories

	Item	Office White	Ivory
.75"	Splice Cover	045-TSR1FW-14	045-TSR1I-14
	Tee	045-TSR1FW-21-1	045-TSR1I-21-1
	Elbow	045-TSR1FW-25-1	045-TSR1I-25-1
	External Corner	045-TSR1FW-29-1	045-TSR1I-29-1
	Internal Corner	045-TSR1FW-33-1	045-TSR1I-33-1
	End Cap	045-TSR1FW-36	045-TSR1I-36
	Ceiling Drop	045-TSR1FW-50	045-TSR1I-50
1.25"	Splice Cover	045-TSR2FW-14	045-TSR2I-14
	Tee	045-TSR2FW-21-1	045-TSR2I-21-1
	Elbow	045-TSR2FW-25-1	045-TSR2I-25-1
	External Corner	045-TSR2FW-29-1	045-TSR2I-29-1
	Internal Corner	045-TSR2FW-33-1	045-TSR2I-33-1
	End Cap	045-TSR2FW-36	045-TSR2I-36
	Ceiling Drop	045-TSR2FW-50	045-TSR2I-50
1.75"	Splice Cover	045-TSR3FW-14	045-TSR3I-14
	Tee	045-TSR3FW-21-1	045-TSR3I-21-1
	Elbow	045-TSR3FW-25-1	045-TSR3I-25-1
	External Corner	045-TSR3FW-29-1	045-TSR3I-29-1
	Internal Corner	045-TSR3FW-33-1	045-TSR3I-33-1
	End Cap	045-TSR3FW-36	045-TSR3I-36
	Ceiling Drop	045-TSR3FW-50	045-TSR3I-50

Features:

- Offers same features as raceways
- Available in both Ivory and Office White
- TIA/EIA compliant
- Various sections available
- UL Listed

c(UL)us LISTED

Surface Raceway Accessories

Vertical Cable provides a complete line of fittings to manage connectivity requirements from the telecommunications room to the work area. Each size of raceway offers numerous fittings, offered in ivory or office white, including TIA/EIA compliant 1" bend radius accessories which help ensure consistent data transmission performance of Category-3, 5, 5E, 6 and 6A communications systems.

Splice Cover

Internal Corner

Elbow

Ceiling Drop

Tee

External Corner
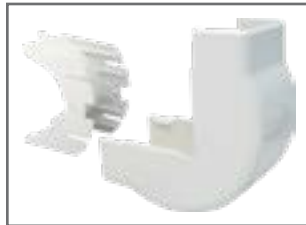
End Cap

AVAILABLE IN
IVORY and
OFFICE WHITE
IN THREE SIZES

Low Voltage Surface Raceway

Vertical Cable Low Voltage Surface Raceway (TSR) is a one piece, non-metallic, adhesive backed latching raceway designed to aesthetically organize and route communications wires including high speed UTP cable and fiber optic cable from the telecommunications room to the work area.

Office White

Ivory

Item	Office White	Ivory
6ft Raceway (.75")	045-TSR1FW-6A	045-TSR1I-6A
6ft Raceway (1.25")	045-TSR2FW-6A	045-TSR2I-6A
6ft Raceway (1.75")	045-TSR3FW-6A	045-TSR3I-6A

Features:

- Tamper resistant, the cover's self-locking, hidden positive latch permits quick re-entry as well as providing a secure installation of premise wire.
- Manufactured from UL 94V-0 rated PVC material
- Fittings incorporate a minimum 1" bend radius per TIA/EIA 568-B and 569-A standards.
- Rubber-based foam tape adhesive with high ultimate bond strength conforms to any surface.
- Flexible hinge allows the raceway to endure numerous openings without creating discoloration or stress cracking.
- Junction boxes can be used with this raceway for electrical or data outlets
- Measuring 6ft in length
- UL Listed

Velcro Cable Ties

Velcro Cable Ties are the perfect solution for organizing. The cable ties are not permanent and can be readjusted multiple times. Cut these cable ties to length. The velcro spans the whole length of the cable tie, so it can be secured as loose or as tight as the installation requires.

045-V12/75BK

045-V12/75BL

045-V12/75WH

Item #	Description	
045-V12/75BK	1/2" Width Velcro Roll, 75 Foot, Black	●
045-V12/75BL	1/2" Width Velcro Roll, 75 Foot, Blue	🔵
045-V12/75WH	1/2" Width Velcro Roll, 75 Foot, White	○
045-V34/75BK	3/4" Width Velcro Roll, 75 Foot, Black	●
045-V34/75BL	3/4" Width Velcro Roll, 75 Foot, Blue	🔵
045-V34/75WH	3/4" Width Velcro Roll, 75 Foot, White	○

Features:

- The double sided Velcro Tie Wraps feature full surface-area velcro coverage
- Perfect for mounting, organizing & identification applications
- Reuse and readjust the Velcro Tie Wrap multiple times
- Cut to any length
- Sticky and durable
- 75 foot roll

c UL us
LISTED

045-V12/75BK

Velcro Cable Ties

Velcro Cable Ties are the perfect solution for organizing and mounting cable. The cable ties can be readjusted multiple times. The Vertical Cable Velcro Ties feature a special loop that easily secures to the opposite end. No need to cut these cable ties. The velcro spans the whole length of the cable tie, so it can be as loose or as tight as the installation requires.

045-V12/8BK

045-V12/12BK

Item #	Description
045-V12/12BK	12" Velcro Cable Ties, 50 Pack
045-V12/8BK	8" Velcro Cable Ties, 50 Pack

c UL us
LISTED

Features:

- The double sided Velcro Tie Wraps feature full surface-area velcro coverage
- No clipping is necessary, in contrast to the traditional tie wrap
- Reuse and readjust the Velcro Tie Wrap multiple times
- Perfect for mounting, organizing & identification applications
- Sticks well and durable
- 50 strips per bag

Vertical Cable offers many options of cable ties and tensile string whether the application demands mounting, releasable.

Screw Mount Cable Ties

Item #	Description	
045-CT/M50/8BK	8" Screw Mount Cable Ties, 50lb, Black, c(UL) Listed, 100 Pack	●
045-CT/M50/8NT	8" Screw Mount Cable Ties, 50lb, Natural, c(UL) Listed, 100 Pack	○
045-CT/M50/12BK	12" Screw Mount Cable Ties, 50lb, Black, c(UL) Listed, 100 Pack	●
045-CT/M50/12NT	12" Screw Mount Cable Ties, 50lb, Natural, c(UL) Listed, 100 Pack	○

Features:

• 8" and 12" 50lb tensile rating
• Screw type mounting style
• UL Listed, RoHS Compliant
• 100 per bag

Cable ties were first invented by Maurus C. Logan from Thomas & Betts, an electrical company, in 1958 under the brand name Ty-Rap. Initially they were designed for airplane wire harnesses.

Standard Cable Ties

Item #	Description	
045-CT/50/8BK	8" Cable Ties, Black, Standard, 50lb, c(UL), 100 Pack	●
045-CT/50/8NT	8" Cable Ties, Natural, Standard, 50lb, c(UL), 100 Pack	○
045-CT/50/12BK	12" Cable Ties, Black, Standard, 50lb, c(UL), 100 Pack	●
045-CT/50/12NT	12" Cable Ties, Natural, Standard, 50lb, c(UL), 100 Pack	○
045-CT/50/15BK	15" Cable Ties, Black, Standard, 50lb, c(UL), 100 Pack	●
045-CT/50/15NT	15" Cable Ties, Natural, Standard, 50lb, c(UL), 100 Pack	○
045-T50R2C2UL	8" Cable Ties, Red, Plenum, 50lb, c(UL), 100 Pack	🔴
045-CTP/M50/8R	8" Cable Ties, Red, Plenum, 50lb, c(UL), 100 Pack	🔴
045-T50I2C2UL	12" Cable Ties, Red, Plenum, 50lb, c(UL), 100 Pack	🔴
045-CTP/M50/12R	12" Cable Ties, Red, Plenum, 50lb, c(UL), 100 Pack	🔴
045-T50L2C2UL	15" Cable Ties, Red, Plenum, 50lb, c(UL), 100Pack	🔴
045-CTP/M50/15R	15" Cable Ties, Red, Plenum, 50lb, c(UL), 100Pack	🔴

045-T50I2C2UL

C(UL)US LISTED   RoHS

STANDARD **Black**

STANDARD **Natural**

PLENUM **Red**

Features:

• 8", 12" and 15" - 50lb tensile rating
• Standard or Plenum
• UL Listed, RoHS Compliant
• 100 per bag
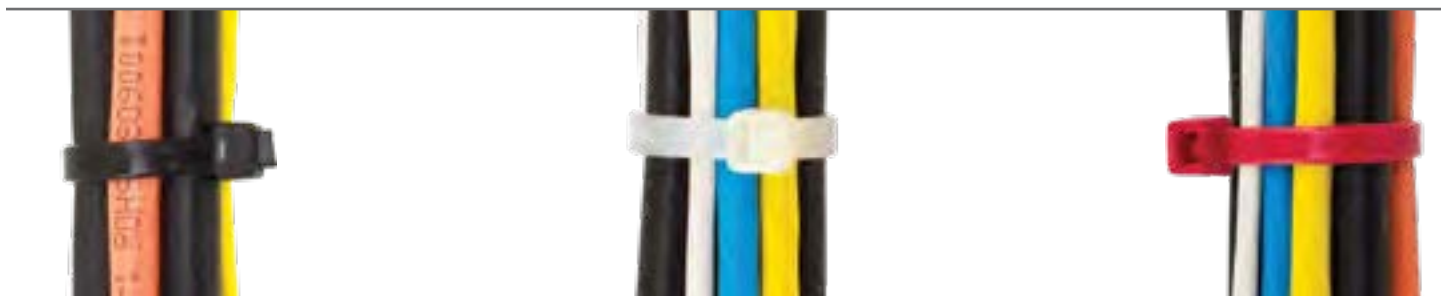
Mounting Bases

Vertical Cable's 4-way mounting base accommodates the 045-Series Cable Ties. Insertion of the ties can be made from all four sides. Each mount is secured with a rubber-based adhesive back. These mounting bases are used in conjunction with cable ties to stabilize and secure wiring bundles, both indoors and outdoors.

Item #	Description	
045-MB/A/11/BK	Adhesive Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Black	●
045-MB/A/11/NT	Adhesive Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Natural	○
045-MB/S/11/BK	Screw Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Black	●
045-MB/S/11/NT	Screw Mounting Base, 100 Pack, for 18 to 50lb Cable Ties, Natural	○

Features:

• Material: Polyamide 6.6 (PA66)
• Operating Temperature: -40°F +185°F (-40°C+85°C) continuous
• Flammability: UL94 V2
• Color: Natural, Black
• 100 per bag

J-Hooks

J-Hooks are used to support and organize bundles of cable. Vertical Cable offers wall mount J-Hooks as well as bat wing J-Hooks. Bat winged J-Hooks are attached to vertical steel rods and hold together cable spanning across a room.

4"	2"	3/4"		3/4"	1 5/16"	1 5/16"	2"	2"

048-123/40	048-122/20	048-121/34		048-124/34W14	048-125/16W14	048-126/16W38	048-127/20W14	048-128/20W38
holds up to 300 CAT5E or 185 CAT6	holds up to 80 CAT5E or 50 CAT6	holds up to 16 CAT5E or 10 CAT6		holds up to 16 CAT5E or 10 CAT6			holds up to 80 CAT5E or 50 CAT6	

Item #	Description
048-121/34	J-Hook, 3/4" Galvanized Steel, Holds up to 20 4-pair CAT5E or 10 4-pair CAT6
048-122/20	J-Hook, 2" Galvanized Steel, Holds up to 80 4-pair CAT5E or 50 4-pair CAT6
048-123/40	J-Hook, 4" Galvanized Steel. Holds up to 300 4-pair CAT5E or 185 4-pair CAT6
048-124/34W14	J-Hook, 3/4" Galvanized Steel, with #12 Wing for 1/4" Rod
048-125/16W14	J-Hook, 1 5/16" Galvanized Steel, with #12 Wing for 1/4" Rod
048-126/16W38	J-Hook, 1 5/16" Galvanized Steel, with Wing for 3/8" Rod
048-127/20W14	J-Hook, 2" Galvanized Steel, with #12 Wing for 1/4" Rod
048-128/20W38	J-Hook, 2" Galvanized Steel, with Wing for 3/8" Rod

Features:

- Galvanized steel; Rust resistant zinc coating
- Hooks available with wing, which mounts on vertically spanning steel rods
- Winged Hooks feature cable retainer pin
- Wing attachments mount on 1/4" or 3/8" rods

J hooks are an inexpensive alternative to cable trays. And can be attached to a wide variety of structures using beam clamps.

Distribution D Rings

Distribution D Rings are used to provide support to multiple vertical or horizontal cable runs. The smooth rounded surface prevents cables from being damaged.

2"	3"	5"	8"
048-200/0200	048-201/0300	048-203/0500	048-204/0800
holds up to 75 CAT5E	holds up to 150 CAT5E	holds up to 250 CAT5E	holds up to 425 CAT5E

Item #	Description
048-200/0200	Distribution D Ring, 2", Aluminum, Holds up to 75 CAT5E Cables
048-201/0300	Distribution D Ring, 3", Aluminum, Holds up to 150 CAT5E Cables
048-203/0500	Distribution D Ring, 5", Aluminum, Holds up to 250 CAT5E Cables
048-204/0800	Distribution D Ring, 8", Aluminum, Holds up to 425 CAT5E Cables

Features:

- Aluminum
- Available in multiple sizes
- Used to provide support to vertical and horizontal cable runs

20U and 45U Vertical Wire Manager

Vertical Cable offers a full Vertical Wire Manager compatible with our 2 or 4 Post Rack. It is composed of full height wire managing sections that help installers systematically organize cable. The material is great quality, heavy duty.

S I D E   V I E W

F R O N T   V I E W

Attached to Rack View

S I N G L E   P I E C E

Compatible with 047-WOS Series only.
Not compatible with the 047-WPR-0207

047-WVM-4510
Metal
Single Sided

047-WVM-2010
Metal
Single Sided

Mounts on Either Side of the Rack

Height	Width	Depth	45U
79"	4.5"	3.75"	

Height	Width	Depth	20U
32"	3.7"	2.3"	

Item #	Description
047-WVM-4510	45U, Vertical Wire Manager
047-WVM-2010	20U, Vertical Wire Manager

Features:
- Steel frame design for strength and rigidity
- Highly functional and stylish
- Static resistant powder coat finish
- Mounts on either side of the Rack

45U Vertical Wire Manager
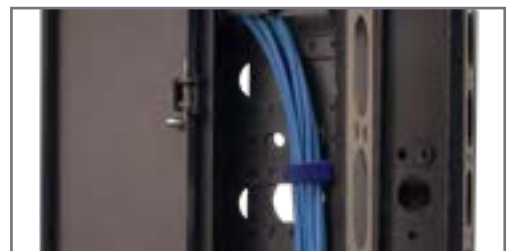
Attached
to Rack View

Works with both 047-WOS Series
and 047-WPR-0207

Double
Sided

Single
Sided

High
quality
plastic
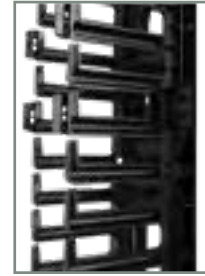
T
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S

Universal Mounts
(standard EIA -310)
Simply screw to
place on rack.

Two
22.5U
Stackable
Sections

047-WMF-4502
Plastic
Single & Double Sided

We have
all these
products :-)

Height	Width	Depth	
40-6/16"	5"	6-5/16"	Single Sided
40-6/16"	5"	12"	Double Sided

45U

Compatible with Vertical Cable Relay
Racks: 047-WPR-0207, 047-WOS-0220,
047-WOS-0245, 047-WOS-0445

Item #	Description
047-VMF-4501	45U, Vertical Wire Manager - Single Sided
047-VMF-4502	45U, Vertical Wire Manager - Double Sided

Features:

- Made of high quality plastic
- Removable cover for easy access
- Flexible fingers for easy cable feed
- Mounts on either side of a rack (L/R)
- Compatible with most relay racks
- One unit includes two sections (2X 22.5U)
- Couple both sections together to get 45U or use one
  section with a 20U relay rack
- Includes 4 screws and 2 metal ears and hardware to
  be installed between two racks (universal fit)

1U, 2U Horizontal Wire Manager Closed Design

In addition to the Vertical Wire Manager, Vertical Cable is proud to offer a variety of Horizontal Wire Managers, both in 1U and 2U. The organizers feature different sorting styles and come at various price points.

Height	Width	Depth	Weight	1U
1 3/4"	19"	3"	2 LBS	

View With Cover

Height	Width	Depth	Weight	2U
3.5"	19"	3"	2 LBS	

View With Cover

Item #	Description
044-2393/DC/1U	1U, Horizontal Wire Manager - Closed Design
044-2394/DC/2U	2U, Horizontal Wire Manager - Closed Design

Features:
- Durable black powder coated finish (metal)
- Metal Cover
- Features a closed design that covers the cable
- Convenient universal mounting
- Mounts on any standard 19" rack or wall mount

1U, 2U Horizontal Wire Manager Double Sided

In addition to the Vertical Wire Manager, Vertical Cable is proud to offer a variety of Horizontal Wire Managers, both in 1U and 2U. The organizers feature different sorting styles and come at various price points.

Height	Width	Depth	Weight	1U
1.75"	19"	4"	1.5 LBS	

Features:
- Fits standard 19" Racks or Wall Mounts
- 1U & 2U, spans 2 standard rack holes (3.50")
- Steel Main Mount
- Plastic Wire Management Fingers
- Plastic Covers
- Comes with 4 M6 screws (cage nuts not included)

Height	Width	Depth	Weight	2U
3"	19"	6 "	3 LBS	

Item #	Description
044-2391/DS/1U	1U, Horizontal Wire Manager - Double Sided
044-2392/DS/2U	2U, Horizontal Wire Manager - Double Sided

1U, 2U Patch Panel Support Bracket

The Vertical Cable Patch Panel Support Bracket is perfect for providing additional weight support for 24 & 48 port patch panels. Vertical Cable's Support Bracket has a durable black powder coated finish, and has marked cable numbering.

Item #	Description
044-2396/1U	1U, Patch Panel Support Bracket - 24 Port Patch Panel
044-2397/2U	2U, Patch Panel Support Bracket - For 48 Port Patch Panel

1U

Will work only with Vertical Cable Panels
041 and 042 Series

Features:

- Has a durable black powder coated finish
- Fits Vertical Cable patch panels
- Durable steel

1U, 2U Wall Mount Brackets

Item #	Description
046-388/S	1U Mounting Bracket
046-389/S	2U Mounting Bracket

Comes with mounting screws

046-388/S   046-389/S

1U   2U

Screws, Washers & Cage Nuts

We recommend stocking up with Vertical Cable Screws, Cage Nuts, and Washers (pack of 50). These can be used with our Racks, Enclosures or Wall Mounts.

Shorter and thicker comparing to 047-WSN-0600

Longer and thinner comparing to 047-WSN-0050

Longer and thinner comparing to 047-WSN-0600

047-WSN-0050

047-WSN-0600

047-WSN-0070

Item #	Description
047-WSN-0050	50 M6 Screws, 50 Washers & 50 Nuts Length 12mm (0.47 inches)
047-WSN-0600	50 #12-24 US Style Screws & Washers Length 16mm (0.62 inches)
047-WSN-0070	50 #10-32 US Style Screws & Washers Length 20mm (0.75 inches)

1U, 19" Power Strip with Circuit Breaker

Height	Width	Depth	Weight	Cord Length
2.5"	19"	2"	2 LBS	6FT

PROTECTIVE SWITCH COVER

Features:

- Mounts on any standard 19" rack or wall mount
- 8 Way
- Comes with screws and washers
- 15A, 125V
- Protective switch cover

Item #	Description
047-WPS-2000	1U, 19" Power Strip with Circuit Breaker

Blank Patch Panels with Support Bracket: 1U and 2U   High density

These Vertical Cable Blank Patch Panels come with a handy Support Bracket. Cable can be secured to the support bracket with cable ties to eliminate the strain on the connection. Just as versatile as the regular blank patch panels, these can fit any Vertical Cable keystone insert. They mount on any standard 19" rack.

1U
043-382/24/1U

1U, 24 Port
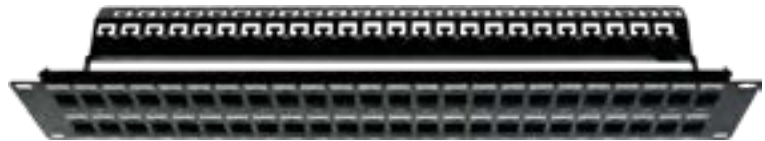
2U
043-384/48/2U

2U, 48 Port

Hardware:
M6.0 8pcs

Features:

- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material
- Sturdy Cable Manager attaches to Patch Panel
- Accepts either 10/24 or 12/32 screws
- Durable black powder coat finish
- Universal 19" mounting for either left or right hinging and easy panel access
- Convenient wall mounting features
- Screws and ties included

Item #	Description
043-382/24/1U	Blank Patch Panel, with Cable Manager, 1U, 24 Port, Black
043-384/48/2U	Blank Patch Panel, with Cable Manager, 2U, 48 Port, Black

Blank Patch Panels: V-Type with Cable Manager

1U, 24 Port

Item #	Description
043-383/A/24	Black Patch Panel, V-Type, 24 Port
043-384/A/48	Black Patch Panel, V-Type, 48 Port

Features:

- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material
- Accepts either 10/24 or 12/32 screws
- Durable black powder coat finish
- Universal 19" mounting for either left or right hinging and easy panel access
- Allowing convenient wall mounting of patch panels
- Bezels, Jacks, Inserts NOT Included; screws and washers not included

Blank Patch Panels with Support Bracket: 1U and 2U
For Shielded Keystone Jacks (ground wire included)

Vertical Cable Blank Patch Panels offers the versatility of use with shielded type jack. Made from impact-resistant heavy duty steel, they are built to last. 19" standard rack mountable.
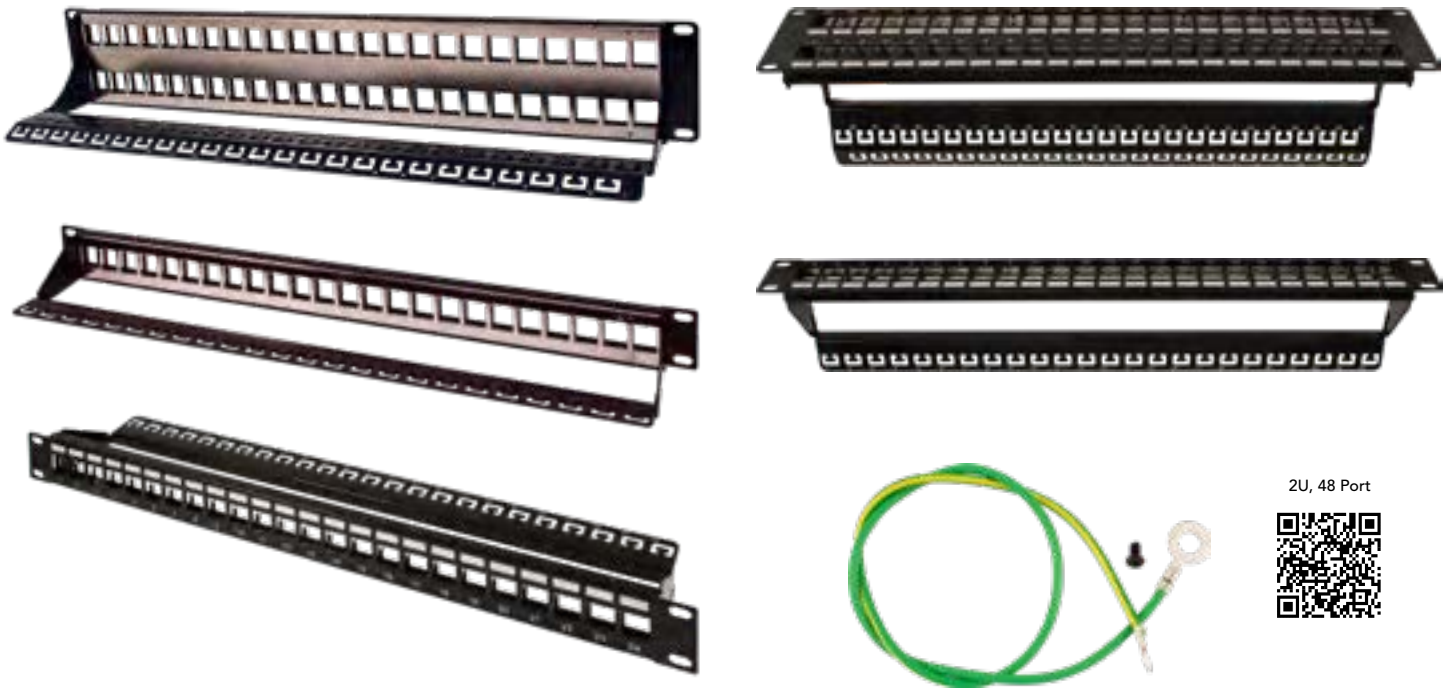
2U, 48 Port

Features:

- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material.
- Supports cable, and prevents strain on the connection
- Works with 4", 6", 8" Vertical Cable cable ties
- Accepts either 10/24 or 12/32 screws
- Sturdy Cable manager clips into the blank Patch Panel
- For Shielded Jacks, Ground Wire included
- Durable black powder coat finish
- Bezels, Jacks or Inserts not Included

Item #	Description
043-378/S/24/1U	Black Patch Panel, 24 Port, Shielded
043-379/S/48/2U	Black Patch Panel. 48 Port, Shielded

Blank Patch Panels in 12, 24, and 48 Port

Vertical Cable Blank Patch Panels offer the versatility of use with any keystone type insert. Made from impact-resistant heavy duty steel, they are built to last. 19" standard rack mountable.

12 Port
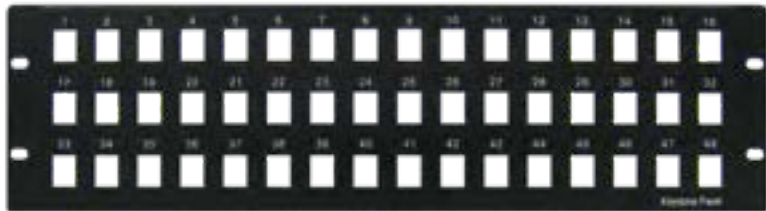
24 Port

48 Port

Hardware:
M6.0 4pcs

Item #	Description
043-380/12	Blank Patch Panel, 12 Port, Black
043-382/24	Blank Patch Panel, 24 Port, Black
043-384/48	Blank Patch Panel, 48 Port, Black

Features:

- Constructed from heavy-duty 16-gauge steel and UL94-V-0 high-impact, fire-retardant material
- Accepts either 10/24 or 12/32 screws
- Durable black powder coat finish
- Universal 19" mounting for either left or right hinging and easy panel access
- Allowing convenient wall mounting of patch panels
- Bezels, Jacks, Inserts not included

1U, 2U Network Brush Panel

Front View

1U

Back View

Front View

2U

Back View

Similar Product:

307-520B/1G/WH

Features:

- High density nylon brush
- Improves cooling efficiency
- Reduce dust accumulation
- Sturdy steel construction
- 1U, 2U – 19" Rack Mount

Item #	Description
047-WBP-1000	1U Network Brush Panel, 19" Rack Mount
047-WBP-2000	2U Network Brush Panels, 19" Rack Mount

Racks & Accessories ▶ Panel Covers

Vertical Cable has both Vented and Non-Vented Panel Covers for standard 19" Racks, Wall Mounts, and Enclosures. These feature the same static-resistant black paint finish and are made of sturdy steel.

1U, 2U, 3U, Vented Panel Cover/Filler 19" Rack Mountable

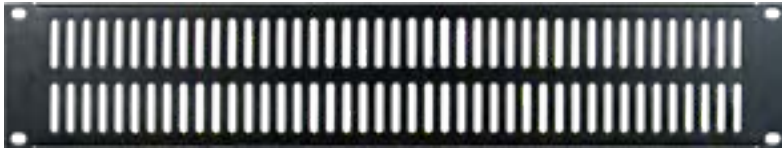| Height	Width	Depth	Weight	
1.3/4"	19"	0.5"	1 LBS	**1U**

Height	Width	Depth	Weight	
3.5"	19"	0.5"	2 LBS	**2U**
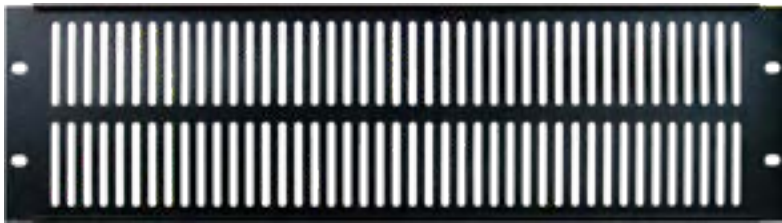
Height	Width	Depth	Weight	
5.1/4"	19"	0.5"	2 LBS	**3U**

Item #	Description
043-385/VT/1U	1U, Vented Panel Cover/Filler 19" Rack Mountable
043-386/VT/2U	2U, Vented Panel Cover/Filler 19" Rack Mountable
043-387/VT/3U	3U, Vented Panel Cover/Filler 19" Rack Mountable

Features:

- Mounts on any standard 19" rack or wall mount
- Vented for visibility and air flow
- Constructed from 1.5mm steel
- Coated with a tough static resistant black paint finish
- Protects network elements, and allows for ventilation

1U, 2U, 3U, 4U Panel Cover/Filler 19" Rack Mountable

Height	Width	Depth	Weight	
1.3/4"	19"	0.5"	1 LBS	**1U**

Height	Width	Depth	Weight	
3.5"	19"	0.5"	2 LBS	**2U**

Height	Width	Depth	Weight	
5.1/4"	19"	0.5"	2 LBS	**3U**

Height	Width	Depth	Weight	
6.7/8"	19"	0.5"	2.4 LBS	**4U**

Item #	Description
043-385/1U	1U, Non-Vented Panel Cover/Filler 19" Rack Mountable
043-386/2U	2U, Non-Vented Panel Cover/Filler 19" Rack Mountable
043-387/3U	3U, Non-Vented Panel Cover/Filler 19" Rack Mountable
043-388/4U	4U, Non-Vented Panel Cover/Filler 19" Rack Mountable

Hardware: M6.0 4pcs

Features:

- Mounts on any standard 19" rack or wall mount
- Non-vented heavy duty protection panels
- Constructed from 1.5mm steel
- Coated with a tough static resistant black paint finish
- Protects network elements, and provides clean, aesthetic look for the installation

CAT5E Patch Panels in 12, 24, 48 & 96 Port

110 type termination; meets and exceeds CAT5E specifications

Vertical Cable Patch Panels comply with ANSI/TIA Category 5E performance requirements. Made with high impact plastic and rolled-edge steel. T568A & T568B wiring color schemes on the IDC, make installation easy. They feature writable and erasable marking surfaces for each port on the front panel for efficient system management.

041-371/12

041-372/24

041-375/96

041-373/48

041-371/12

Features:

- Made of sturdy, rolled-edge steel
- Fully enclosed design for protection of printed circuitry during termination
- T568A and T568B wiring color codes
- Mounts on any standard 19" RMS (Rack Mount Standard) design rack or wall mount
- Comes with rack mounting screws and washers
- Contact blocks constructed from UL94-V-0 high-impact, fire-retardant ABS or PC material
- 110 type IDC
- Pair punch sequence enables a pair twist within 1/2" of termination
- Meets EIA-310-D specifications
- FCC Part 68, UL Listed, RoHS Compliant

Item #	Description
041-371/12	CAT5E, 110-IDC Patch Panel, 12 Port, Black
041-372/24	CAT5E, 110-IDC Patch Panel, 24 Port, Black
041-373/48	CAT5E, 110-IDC Patch Panel, 48 Port, Black
041-375/96	CAT5E, 110-IDC Patch Panel, 96 Port, Black

c(UL)us LISTED   RoHS

Termination instructions - Shielded Patch Panels (CAT5E, CAT6)

CAT5E: 24 Port (1U) 041-372/S/24 and 48 Port (1U) 041-373/S/48
CAT6: 24 Port (1U) 042-377/S/24 and 48 Port (1U) 042-378/S/48

1

Remove 2 ½ to 3 inches of the jacket
from the cable.
Be sure not to cut the drain wire.

2

Remove the bracket that
holds the cable in place
from the panel housing.

3

Set the cable jacket end
as close to the termination block.
Loop the drain wire around the cable at
the point that the cable
comes in contact with the bracket.

CAT5E Shielded Patch Panel, 24 & 48 Port
Krone type termination; meets and exceeds CAT5E specifications

Vertical Cable offers 19" rack mountable Shielded Patch Panels. These patch panels feature a Krone type termination in both CAT5E, CAT6 and CAT6A. They are made of high quality steel and coated with a tough black painted finish. The shielding is bronze with nickel plating for optimal EMI protection.

24 Port

48 Port

Features:

- High Impact Patch Panel
- Tough Black Painted Finish
- Shielded to protect against EMI, RFI
- Number Labeled for Easy Identification
- 568A & 568B Wiring Color Codes
- Krone Type Termination (Krone Type Punch Tool Required)
- Mounts on any standard 19" rack or wall mount

078-1988K

Comes with M6 screws (comparable to 047-WSN-0050, but longer), mini-cable-ties & grounding wire

Item #	Description
041-372/S/24	CAT5E, Shielded Krone type Patch Panel, 24 Port, Black
041-373/S/48	CAT5E, Shielded Krone type Patch Panel, 48 Port, Black

c UL us LISTED   RoHS

Making Termination Easier - Vertical Cable Technical Support

4

Attach the bracket to the panel to hold the cable in place.
Make sure the ground wire makes firm contact with the bracket and the panel surface.

5

Terminate conductors to desired color code (568A or 568B).

Note: Krone tool blade needed for termination. Do not use 110 punch blade – this will damage the termination blocks.

6

Connect Ground wire to the panel and to the rack/grounding block.

CAT6 Patch Panels in 12, 24, 48 and 96 Port
110 type termination; meet and exceed CAT6 specifications

Vertical Cable Patch Panels comply with ANSI/TIA Category-6 performance requirements. Made with high impact plastic and rolled-edged steel. T568A & T568B wiring color schemes on the IDC, make installation easy. They feature writable and erasable marking surfaces for each port on the front panel for efficient system management.

Front View

042-376/12

042-377/24

042-378/48

042-379/96

Back View
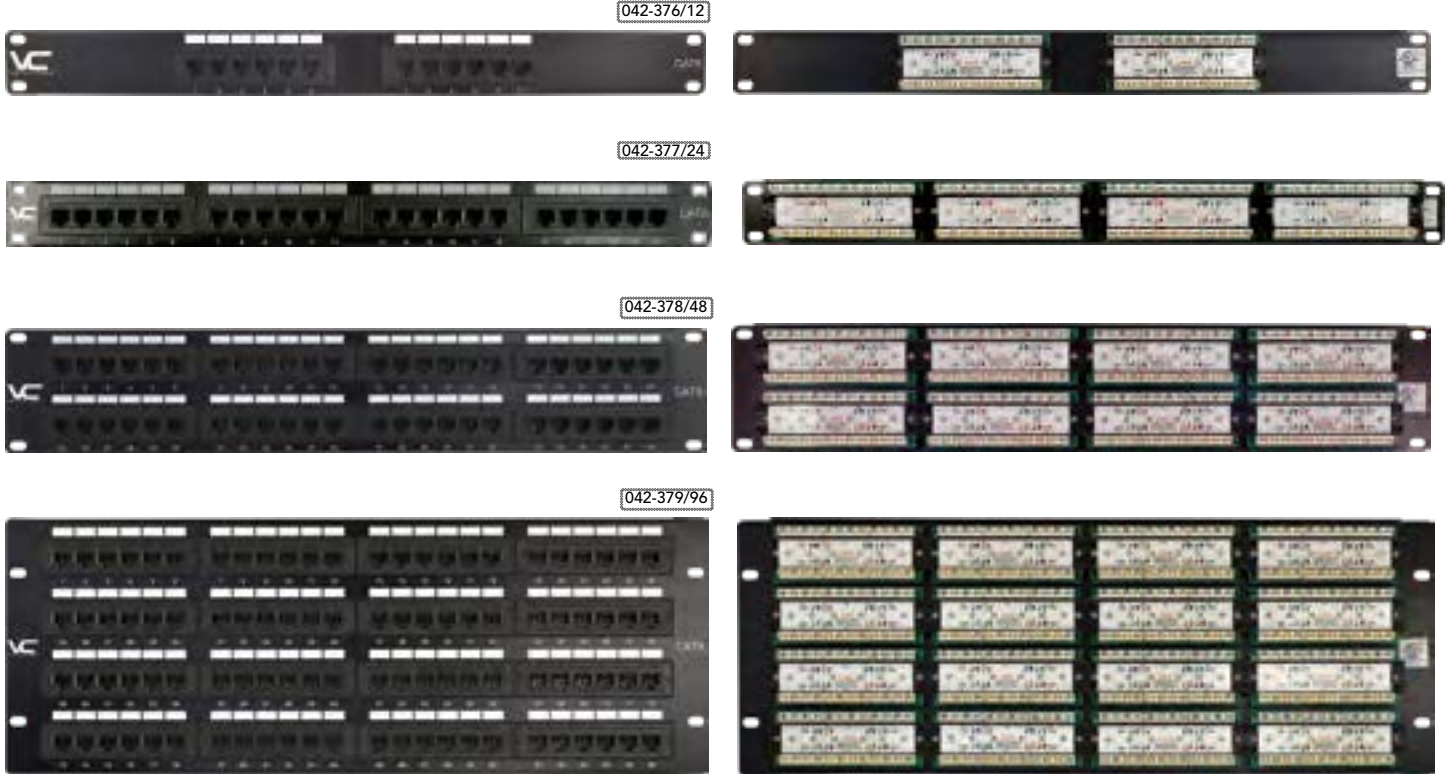
Item #	Description
042-376/12	CAT6, 110-IDC Patch Panel, 12 Port, Black
042-377/24	CAT6, 110-IDC Patch Panel, 24 Port, Black
042-378/48	CAT6, 110-IDC Patch Panel, 48 Port, Black
042-379/96	CAT6, 110-IDC Patch Panel, 96 Port, Black

Features:

- Flexible design (12 & 24 ports for 1U; 48 ports for 2U; 96 ports for 4U)
- Made of sturdy, rolled-edge steel
- High-density 1U/2U/4U, 19" RMS (Rack Mount Standard) design
- Comes with rack mounting screws and washers
- Fully enclosed design for protection of printed circuitry during termination
- T568A and T568B wiring color codes
- Contact blocks constructed from UL94-V-0 high-impact, fire-retardant ABS or PC material
- Designed for maximum strength and compatible with all standard 110 installation tools
- Pair punch sequence enables a pair twist within 1/2" of termination
- Beryllium copper contacts: 50μ gold-plated pins over100μ nickel layer.
- Insertion life cycle: 750 cycles (minimum) / I.D.C. 250 cycles (minimum)
- Operating temperature: -40°C to +68°C
- Meets EIA-310-D specifications
- FCC Part 68, UL Certified, RoHS Compliant

RoHS

c **UL** us
LISTED
12 Port

With This Product You May Need:

Tie Wraps, Velcro Wraps
045 Series

Punch-Down Tool, Stripper
078-1028, 078-1023

Wall Mounts
047-WFM, WFJ Series

CAT6 and CAT6A Shielded Patch Panel, 24 Port & 48 Port
Krone Type Termination | Meets and exceeds CAT6 & CAT6A specifications

24 Port

48 Port

Features:

- High Impact Patch Panel
- Tough Black Painted Finish
- Shielded to protect against EMI, RFI
- Number Labeled for Easy Identification
- 568A & 568B Wiring Color Codes
- Krone Type Termination
- Mounts on any standard 19" rack or wall mount
- Comes with M6 screws, mini tie wraps and a grounding wire
- UL Listed, RoHS Compliant

Item #	Description
042-377/S/24	CAT6, Shielded Krone type Patch Panel, 24 Port, Black
042-378/S/48	CAT6, Shielded Krone type Patch Panel, 48 Port, Black
042-C6A/24	CAT6A, Shielded 24 Port, Krone Type, Patch Panel	1U
042-C6A/48	CAT6A, Shielded 48 Port, Krone Type, Patch Panel	1U

CAT5E & CAT6, 12 Port Mini Patch Panel, With Support Bracket
110 type termination; meets and exceeds CAT5E & CAT6 specifications

Vertical Cable 12 Port Mini Patch Panels provide high performance in a versatile compact unit. They mount using the included Support Bracket saving valuable rack space. Jack adapter contacts feature 50 micro inch gold plated pins and termination contacts are steel plated with nickel for optimal performance. Compatible with standard 110 termination practices, CAT5E and CAT6 Patch Panels from Vertical Cable comply with ANSI/TIA standards. UL Listed.

041-370M

042-2134

Features:

- Space Saving Design
- Made of sturdy, rolled-edge steel
- Fully enclosed design for protection of printed circuitry during termination.
- T568A and T568B wiring color codes.
- Wall Mount Support Brackets Included
- Constructed from UL94-V-0 high-impact, fire-retardant ABS or PC material; High Impact.
- Pair punch sequence enables a pair twist within 1/2" of termination.
- 110 type IDC
- Beryllium copper contacts: 50µ gold-plated pins over100µ nickel layer.
- Insertion life cycle: 750 cycles (minimum)/IDC 250 cycles (minimum).
- Operating temperature: -40°C to +68°C.
- FCC Part 68, UL Listed, RoHS Compliant

Item #	Description
041-370M	CAT5E, 110-IDC 12 Port Mini Patch Panel, W/Support Bracket, Black
042-2134	CAT6, 110-IDC 12 Port Mini Patch Panel, W/Support Bracket, Black

041-370M

042-2134

1U, 2U, 3U, 4U Vertical Wall Mount Rack / Bracket

Vertical Cable vertical wall mount racks/brackets offer a versatile storage solution, allowing equipment (Network devices, power strips, patch panels) to be mounted vertically, flush with the wall to save space.

Static-resistant black paint finish

1U
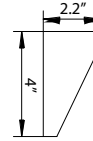
Height	Width	Depth	Weight	Capacity
4"	19"	2.2"	1.5 LBS	11 LBS

2U
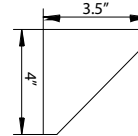
Height	Width	Depth	Weight	Capacity
4"	19"	3.5"	1.7 LBS	15 LBS

3U
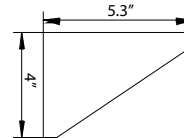
Height	Width	Depth	Weight	Capacity
4"	19"	5.3"	1.98 LBS	17.6 LBS
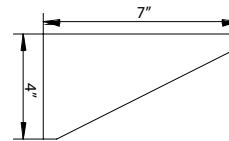
4U

Height	Width	Depth	Weight	Capacity
4"	19"	7"	2.2 LBS	22 LBS

Features:
- Aluminum Material.
- Mounts flush to wall & under desk.
- Pre drilled holes for #12-24 screws.
- 4 Screws and Washers Included.
- Highly functional and stylish, value packed and multiple-vendor compatibility.
- Compatible with 19" rack mountable equipment.

Item #	Description
047-WVR-1000	1U Vertical Wall Mount Rack / Bracket
047-WVR-2000	2U Vertical Wall Mount Rack / Bracket
047-WVR-3000	3U Vertical Wall Mount Rack / Bracket
047-WVR-4000	4U Vertical Wall Mount Rack / Bracket

1U, 2U and 4U Hinged Type, Adjustable Wall Mount Brackets

Vertical Cable's Wall Mount Brackets accomodate all standard 19" units and accessories, such as patch panels. These Brackets are a great solution for small mounting installations where an entire rack is not necessary.

1U
046-388/E

2U
046-389/E

4U
046-390/E

Comes with M4 screws
It's comparable with 047-WSN-0070. Length differs 0.5" vs. 0.75" (047-WSN-0070)

046-389/E

Item #	Description
046-388/E	1U, Hinge Type Adjustable Wall Mount Bracket. 10" to 13" Adjustable Depth. Fits 12 & 24 Port.
046-389/E	2U, Hinge Type Adjustable Wall Mount Bracket. 10" to 13" Adjustable Depth. Fits 48 Port.
046-390/E	4U, Hinge Type Adjustable Wall Mount Bracket. 10" to 13" Adjustable Depth. Fits 96 Port.

Features:
- Hinge Type Bracket
- Adjustable Depth 10" to 13"
- SPCC, 2.0mm Thickness (14AWG)
- Comes with screws

1U, 2U and 4U Hinged Type Wall Mount Brackets

046-388
1U

Comes with M4 screws
It's comparable with 047-WSN-0070. Length differs 0.5" vs. 0.75" (047-WSN-0070)

046-389
2U

046-390
4U

046-389

Item #	Description
046-388	1U, Hinged Type Wall Mount Bracket, 19"W x 1 3/4"H x 6"
046-389	2U, Hinged Type Wall Mount Bracket, 19" W x 3 1/2" H x 6"
046-390	4U, Hinged Type Wall Mount Bracket, 19"W x 5 1/4"H x 6"
046-388/S	1U Mounting Bracket
046-389/S	2U Mounting Bracket

Features:
- Made of heavy duty steel
- Coated with a tough static resistant black paint finish
- Various styles to suit various applications
- 046-388/S & 046-389/S come with 2 mounting screws
- 046-388, 046-389, 046-390 come with M4 screws

Open Racks, Wall Mounts, Cabinets, Enclosures & More

Screws - 047-WSN-0050

Comes unassembled
Easy assembly

| 6U | 8U | 9U | 12U | 16U | 20U |

Open Wall Mounts

047-WFJ
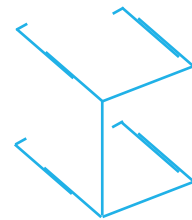
Screws - 047-WSN-0050

Comes unassembled
Easy assembly

| 6U | 8U | 9U | 12U | 16U | 20U |

Open Wall Mounts - Fixed, Adjustable

047-WFM
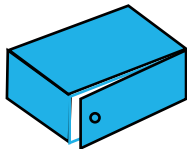
Ships Fully Assembled
DVR Boxes do not
include Mounting
Brackets
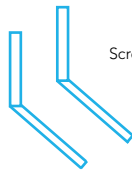
Screws - 047-WSN-0050

| 15" | 18" | 21" | 21" |

DVR Boxes

047-DVR

| 21" |

Mounting Bracket

047-DVR-H
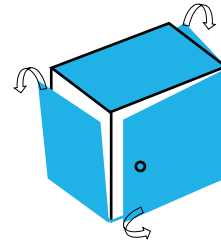
Ships Fully Assembled

| 6U | 9U | 12U |

Wall Mount Enclosures

047-WWM
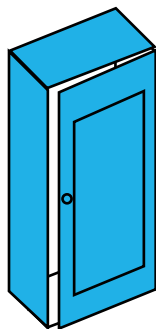
Glass front door

Compatible Screws:
047-WSN-0050 (included)

Ships Fully Assembled

depth 24"

| 27U | 37U |

Network Cabinets

047-NCA
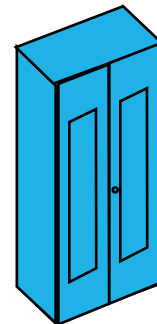
Mesh front doors

Compatible Screws:
047-WSN-0050 (included)

Ships Fully Assembled

depth 31.5"

| 37U |

Network Server Cabinet

047-SRD

All three come unassembled
Easy assembly

047-WVM & 047-VMF
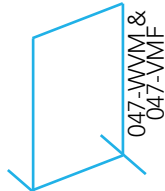
ONLY 047-VMF

047-WVM & 047-VMF

Screws - 047-WSN-0600

20U

Screws - 047-WSN-0070

45U
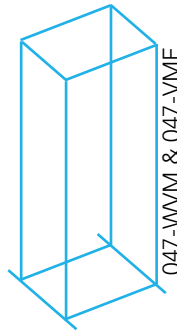
Screws - 047-WSN-0600

45U

20U, 45U Single piece, metal
Single-sided
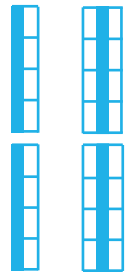
Two sections (45U total), plastic
Single and Double-sided

2 Post Rack

Made in USA

047-WOS   **047-WPR**

Replacement for 047-WOS-0245

4 Post Rack

047-WOS

20U, 45U Vertical Cable Managers

047-WVM   **047-VMF**
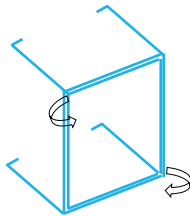
Screws - 047-WSN-0600

Comes unassembled
Easy assembly
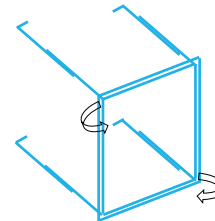
Screws - 047-WSN-0050

Comes unassembled
Easy assembly

6U   **8U**   **9U**   **12U**   **16U**   **20U**

Open Wall Mounts - Front Swing Out

047-WSG

6U   **8U**   **9U**   **12U**   **16U**   **20U**

Open Wall Mounts - Front Swing Out, Adjustable

047-WSM
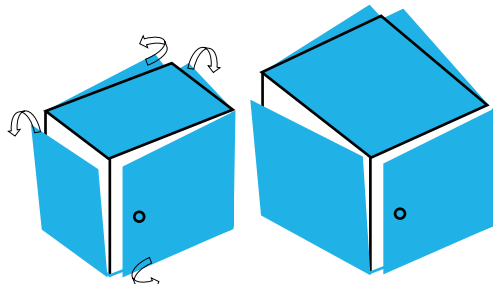
047-WHS-60 depth 24"   047-WHS-70 depth 30"

Screws - 047-WSN-0050

Ships Fully Assembled

12U   **15U**   **20U**

Wall Mount Enclosures - Swing Out

047-WHS
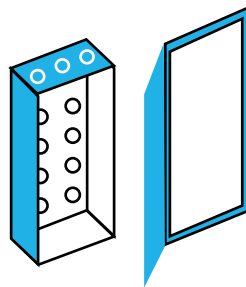
Comes unassembled
Easy assembly

28"   **42"**   Please check availability

Home Network enclosure

049-ENC

High Quality Metal & Durability, Easy Assembly

Open Rack Enclosures

Vertical Cable's sturdy 2 or 4 Post Racks are made of hard impact aluminum. The Racks are compatible with all standard 19" units and accessories. The rack posts are pre drilled for #12-24 screws, and marked in unit increments

047-WOS-0220

Height	Width	Base Dim.	Weight	Capacity
40"	20"	14"x20.27"	19 LBS	440 LBS

2 Post, 20U

Comes unassembled
Easy assembly

047-WSN-0600

047-WPR-0207
Replacement for 047-WOS-0245

Height	Width	Base Dim.	Weight	Capacity
84"	20.25"	15"x20.25"	28 LBS	1200 LBS

2 Post, 45U

047-WSN-0070

Comes unassembled
Easy assembly
Made in USA

047-WOS-0445

Height	Width	Depth	Weight	Capacity
84"	20"	24-36"	61 LBS	1322LBS

4 Post, 45U

047-WSN-0600

Comes unassembled
Easy assembly
Adjustable depth

Side View
Adjustable depth 20"-36"

3.25"
5.25"   20.25"
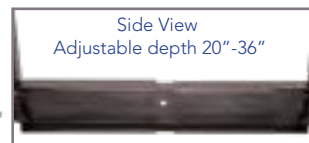
Item #	Description
047-WOS-0220	20U, 2 post, 19" Open Rack, Black, Aluminum Frame
047-WPR-0207 - NEW	45U, 2 post, 19" Open Rack, Black, Aluminum Frame - Made in USA
047-WOS-0445	45U, 4 post, 19" Open Rack, Black, Aluminum Frame

Features:
• Multiple-vendor equipment compatibility
• Aluminum frame design for strength and rigidity; marked in unit increments
• Static resistant powder coat finish
• Pre drilled holes for #12-24 screws (WOS Series), and #10-32 screws (WPR)

6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Frame Rack

Vertical Cable's collection of Open Wall Mounts offers the largest variety of customization options for the installer. These Wall Mounts come in different heights, and are compatible with all standard 19" units and accessories.

6U

Height	Width	Depth	Weight	Capacity
14.25"	20"	18"	12.7 LBS	26.5 LBS

047-WFJ-0653

8U

Height	Width	Depth	Weight	Capacity
17.75"	20"	18"	13.2 LBS	33 LBS

047-WFJ-0853

9U

Height	Width	Depth	Weight	Capacity
19.50"	20"	18"	13.4 LBS	44 LBS

047-WFJ-0953

Mounting Width
for all WFJ's
19"

12U

Height	Width	Depth	Weight	Capacity
24.75"	20"	18"	14.5 LBS	55 LBS

047-WFJ-1253

16U

Height	Width	Depth	Weight	Capacity
31.75"	20"	18"	15.6 LBS	66 LBS

047-WFJ-1653

20U

Height	Width	Depth	Weight	Capacity
38.80"	20"	18"	16.9 LBS	66 LBS

047-WFJ-2053

Comes unassembled
Easy assembly

047-WSN-0050 are included

Item #	Description
047-WFJ-0653	6U Wall Mount Open Frame Rack
047-WFJ-0853	8U Wall Mount Open Frame Rack
047-WFJ-0953	9U Wall Mount Open Frame Rack
047-WFJ-1253	12U Wall Mount Open Frame Rack
047-WFJ-1653	16U Wall Mount Open Frame Rack
047-WFJ-2053	20U Wall Mount Open Frame Rack

Features:

- Multiple-vendor equipment compatibility
- Steel frame open wall mount with M6 screws and cage nuts
- Static resistant powder coat finish
- Ships unassembled with hardware included
- Up to 66 LBS Capacity

047-WSN-0050

6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Fixed - Adjustable

Vertical Cable's collection of Open Wall Mounts offers the largest variety of customization options for the installer. Not only do these Wall Mounts come in different heights, but they can also be adjusted from 18" to 30" in depth. This feature adds a significant amount of ease and convenience for managing cable. The Wall Mounts are compatible with all standard 19" units and accessories.

6U [047-WFM-0626]

Height	Width	Depth	Weight	Capacity
14.25"	20"	18"-30"	17.6 LBS	33 LBS

8U [047-WFM-0826]

Height	Width	Depth	Weight	Capacity
17.75"	20"	18"-30"	22 LBS	44 LBS

9U [047-WFM-0926]

Height	Width	Depth	Weight	Capacity
19.50"	20"	18"-30"	22.7 LBS	55 LBS

12U [047-WFM-1226]

Height	Width	Depth	Weight	Capacity
24.75"	20"	18"-30"	23.1 LBS	66 LBS

16U [047-WFM-1626]

Height	Width	Depth	Weight	Capacity
31.75"	20"	18"-30"	24.9 LBS	66 LBS

20U [047-WFM-2026]

Height	Width	Depth	Weight	Capacity
38.80"	20"	18"-30"	25.8 LBS	77 LBS

Item #	Description
047-WFM-0626	6U Wall Mount Open Fixed
047-WFM-0826	8U Wall Mount Open Fixed
047-WFM-0926	9U Wall Mount Open Fixed
047-WFM-1226	12U Wall Mount Open Fixed
047-WFM-1626	16U Wall Mount Open Fixed
047-WFM-2026	20U Wall Mount Open Fixed

Mounting Width
for all WFM's
19"

Features:
- Multiple-vendor equipment compatibility
- Steel frame open wall mount with M6 screws and cage nuts
- Static resistant powder coat finish
- Ships unassembled with hardware included

Comes unassembled
Easy assembly

047-WSN-0050 are included

[047-WSN-0050]

[047-WFM-2026]

Open Frame Wall Mount Racks
by Vertical Cable

Perfect from every angle

047-WFM Series

Featuring adjustable depth from 18" to 30"
Available in 6U, 8U, 9U, 12U, 16U, 20U

Modern, sleek design, high quality steel
19" EIA rack mount compliant

Take a closer look

6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Rack - Swing Out

In addition to the regular Wall Mounts, Vertical Cable also offers the Swing Out option. This Wall Mount features an open steel door that hinges on the main rack. The Wall Mounts are compatible with all standard 19" units and accessories.

6U

Height	Width	Depth	Weight	Capacity
15.20"	20.65"	18"	15.6 LBS	44 LBS

047-WSG-0654

8U

Height	Width	Depth	Weight	Capacity
18.20"	20.65"	18"	17.6 LBS	55 LBS

047-WSG-0854

9U

Height	Width	Depth	Weight	Capacity
20.50"	20.65"	17.8"	19.50LBS	66 LBS

047-WSG-0954

12U

Height	Width	Depth	Weight	Capacity
25.70"	20.65"	18"	19.8 LBS	66 LBS

047-WSG-1254

16U

Height	Width	Depth	Weight	Capacity
32.70"	20.65"	18"	22 LBS	77 LBS

047-WSG-1654

20U

Height	Width	Depth	Weight	Capacity
39.75"	20.65"	18"	26 LBS	88 LBS

047-WSG-2054

Mounting Width
for all WSG's 19"

Comes unassembled
Easy assembly

047-WSN-0600

Item #	Description
047-WSG-0654	6U Wall Mount Open Rack - Swing Out
047-WSG-0854	8U Wall Mount Open Rack - Swing Out
047-WSG-0954	9U Wall Mount Open Rack - Swing Out
047-WSG-1254	12U Wall Mount Open Rack - Swing Out
047-WSG-1654	16U Wall Mount Open Rack - Swing Out
047-WSG-2054	20U Wall Mount Open Rack - Swing Out

Features:

- Swing out door can be mounted from left or right
- Steel frame open wall mount with Pre drilled holes for #12-24 screws
- Up to 88 LBS Capacity

6U, 8U, 9U, 12U, 16U, 20U Wall Mount Open Rack - Swing Out Adjustable

In addition to the regular Wall Mounts, Vertical Cable also offers the Swing Out option. This Wall Mount features an open steel door that hinges on the main rack. Just like the regular Wall Mount it features an adjustable depth from 18" to 30". This feature adds a significant amount of flexibility and convenience for mounting equipment. The Wall Mounts are compatible with all standard 19" units and accessories.

Mounting Width for all WSM's 19"

Height	Width	Depth	Weight	Capacity	
15.5"	21.65"	18-30"	25 LBS	26.5 LBS	6U

047-WSM-0626

Height	Width	Depth	Weight	Capacity	
19"	21.5"	18-30"	27 LBS	26.5 LBS	8U

047-WSM-0826

047-WSM-0926

Height	Width	Depth	Weight	Capacity	
20.8"	21.5"	18-30"	27.5 LBS	33 LBS	9U

047-WSM-1226

Comes unassembled Easy assembly

047-WSN-0050

Height	Width	Depth	Weight	Capacity	
27.8"	21.5"	18-30"	29 LBS	33 LBS	12U

Height	Width	Depth	Weight	Capacity	
34.8"	21.65"	18-30"	31.9 LBS	44 LBS	16U

047-WSM-2026

Height	Width	Depth	Weight	Capacity	
41.8"	21.5"	18-30"	32.6 LBS	44 LBS	20U

Item #	Description
047-WSM-0626	6U Wall Mount Open Rack - Swing Out
047-WSM-0826	8U Wall Mount Open Rack - Swing Out
047-WSM-0926	9U Wall Mount Open Rack - Swing Out
047-WSM-1226	12U Wall Mount Open Rack - Swing Out
047-WSM-1626	16U Wall Mount Open Rack - Swing Out
047-WSM-2026	20U Wall Mount Open Rack - Swing Out

Features:
- Swing out door can be mounted from left or right
- Steel frame open wall mount with M6 screws and cage nuts
- Featuring adjustable depth from 18" to 30"
- Mounting Width 19"

Racks & Accessories ▶ DVR Lockbox   ▶ DVR Mounting Bracket

Vertical Cable DVR Lockbox, provides an all-in-one solution for securely storing and cooling your security digital video recorder (DVR) to protect it from damage, tampering or theft.

15", 18", 21", 24" DVR Lockbox

Ships Fully Assembled

Front View

Height	Width	Depth	Weight	15"
5"	15"	15"	14 LBS	

Height	Width	Depth	Weight	18"
5"	18"	18"	22 LBS	

Height	Width	Depth	Weight	21"
8"	21"	21"	32 LBS	

Same width, but deeper

Height	Width	Depth	Weight	21"
8"	21"	24"	35.5 LBS	

Rear View

Item #	Description
047-DVR-1515	15 Inch DVR Security Lockbox (15" depth)
047-DVR-1818	18 Inch DVR Security Lockbox (18" depth)
047-DVR-2121	21 Inch DVR Security Lockbox (21" depth)
047-DVR-2124	21 Inch DVR Security Lockbox (24" depth)

Features:
• Heavy duty steel
• Cooling fan included
• Locking front panel

Horizontal DVR Mounting Bracket

The Vertical Cable DVR Mounting Brackets are designed to mount DVR security boxes to the wall in out of reach areas for better protection. This bracket is a perfect match for all Vertical Cable's DVR Lockboxes.

Mounting Hardware included

Item #	Description
047-DVR-H	Horizontal DVR Mounting Bracket

Features:
• Black powder coated finish
• Includes mounting hardware

6U, 9U, 12U Wall Mount Enclosure - Side Panel Access

The 047-WWM Series Wall Mount is a complete enclosure featuring a glass cover, locks, shelves, and a fan. This wall mount safely protects its contents (audio/video equipment, supplies, electronics, cables, connections). This enclosure is also compatible with any standard 19" patch panel.

Ships Fully Assembled

6U	Height	Width	Depth	Mounting Depth	Weight	Capacity
	14.57"	23.62"	17.72"	15.7"	32 LBS	132 LBS

047-WWM-0660

9U	Height	Width	Depth	Mounting Depth	Weight	Capacity
	19.69"	23.62"	17.72"	15.7"	40 LBS	132LB

047-WWM-0960

12U	Height	Width	Depth	Mounting Depth	Weight	Capacity
	25"	23.62"	17.72"	15.7"	53 LBS	132 LBS

047-WWM-1260

Item #	Description
047-WWM-0660	6U Wall Mount Enclosure Side Access
047-WWM-0960	9U Wall Mount Enclosure Side Access
047-WWM-1260	12U Wall Mount Enclosure Side Access

Features:

• Structural integrity, cooling, and cable management all in one
• Install a wide variety of shelving accessories and products with ease
• Ideal for rack mounted servers sind storage products, audio/video equipment
• Side Panels open for easy access to equipment

12U, 20U Wall Mount Enclosure - Swing Out

The Vertical Cable Wall Mount Enclosure - Swing Out, features a sturdy back frame that mounts to the wall. The rest of the Wall Mount can hinge away from the wall; making it even more versatile. The glass protects the contents (audio/video equipment, servers, cables, connections) from any outside damage. The locks and keys provide safety and security.

047-WHS-1260

12U

	Height	Width	Depth	Weight	Capacity
047-WHS-1260	25"	24"	24"	61.7 LBS	132 LBS
047-WHS-1270	Height	Width	Depth	Weight	Capacity
	25"	24"	31"	63 LBS	132 LBS

15U

	Height	Width	Depth	Weight	Capacity
047-WHS-1560	30"	24"	24"	70.5 LBS	132 LBS
047-WHS-1570	Height	Width	Depth	Weight	Capacity
	30"	24"	31"	81.5 LBS	132 LBS

20U

	Height	Width	Depth	Weight	Capacity
047-WHS-2060	39"	24"	24"	85.5 LBS	132 LBS
047-WHS-2070	Height	Width	Depth	Weight	Capacity
	39"	24"	31"	98.5 LBS	132 LBS

Ships Fully Assembled

047-WSN-0050
screws included

Usable space

047-WHS-XX60

047-WHS-XX70

047-WHS-2060

Item #	Description
047-WHS-1260	12U Wall Mount Swing out Enclosure, 24" Deep
047-WHS-1260	15U Wall Mount Swing out Enclosure, 24" Deep
047-WHS-2060	20U Wall Mount Swing out Enclosure, 24" Deep
047-WHS-1270	12U Wall Mount Swing out Enclosure, 31" Deep
047-WHS-1270	15U Wall Mount Swing out Enclosure, 31" Deep
047-WHS-2070	20U Wall Mount Swing out Enclosure, 31" Deep

Features:

- Steel Wall Mount Enclosure
- Dust protective glass front door with safety lock for convenience & protection
- Sturdy opening & locking door
- Features a thick steel wall mounting frame that hinges to the back of main enclosure.
- Releases for a swing out.
- Cooling fan and power supply built in.

15U Wall Mount Swing Out Enclosure

Compare the depths:

047-WHS-1270, 1570, 2070 - 31"	047-WHS-1260, 1560, 2060 - 24"

&

047-WHS-1560

Easily removable front door & side panels
Rear swing out allows easy access to rear
Dust protective glass
Cooling fan included

Network Cabinet

The 047-NCA Series Network Cabinet is a complete enclosure featuring a tempered glass front door, locks, removable side access panels, and a cooling fan. The Vertical Cable Network Cabinet is great for storing network equipment and accessories such as routers, switches, displays, and patch panels. This enclosure meets EIA 19" standards for rack equipment.

Height	Width	Depth	Usable Depth	Color	Weight	Capacity
54.5"	24"	24"	20"	Black	132 LBS	2204LBS

047-NCA-2766

Height	Width	Depth	Usable Depth	Color	Weight	Capacity
72"	24"	24"	20"	Black	171 LBS	2204LB

047-NCA-3766

Ships Fully Assembled

Depending on application, compatible with all Vertical Cable 19" items.

047-WSN-0050
screws included

Add Shelves

047-WKS-3551

047-WSS-3551

Item #	Description
047-NCA-2766	27U Rack Space Network Cabinet
047-NCA-3766	37U Rack Space Network Cabinet

Features:
- Caster wheels and supporting feet installed for stability
- Vented sections on top and bottom
- Easily removable side panels
- Ships fully assembled

37U

Network Server Cabinet

The 047-SRD Series Network Server Cabinet is a complete enclosure featuring vented front and rear doors, locks, removable side access panels, and a cooling fan. The Vertical Cable Network Server Cabinet is great for storing network equipment and accessories such as routers, switches, displays, and servers. This enclosure has anti-vibration, shockproof, dustproof, and other features to ensure equipment work stably and reliably. This enclosure meets EIA 19" standards for rack equipment.

Front

Rear

Height	Width	Depth	Usable Depth	Color	Weight	Capacity
72"	24"	31.5"	25.6"	Black	194 LBS	2204LB

047-SRD-3768

Ships Fully Assembled

047-WSN-0050
screws included

Watch the video on
verticalcable.com

Item #	Description
047-SRD-3768	37U Rack Space Network Server Cabinet

Features:
- Caster wheels and supporting feet installed for stability
- Vented sections on top and bottom
- Easily removable side panels
- Ships fully assembled

Home Network Enclosure

The Vertical Cable Home Network Enclosure is a perfect multi-purpose cabinet for organized wiring, controls, and peripherals. This box may be flush or surface mounted.

TOP

BOTTOM

Please check availability

Item #	Description
049-ENC/28	28" Home Network Enclosure
049-ENC/42	42" Home Network Enclosure

Features:

- Enclosures simplify running cable and managing media equipment
- Provide a more cost-effective means to protecting your Datacom/Telecom network
- Designed to be a central distribution point for all your home or small office systems
- Enclosure accommodates networking, fax, Internet, DSL and cable

Network Cabinet
← 047-NCA-3766

GREAT CHOICE

Network Enclosure
049-ENC/42 →

Available in 27U, 37U rack space
19" standard rack

Available in two sizes: 28" & 42"
For networking, fax, Internet, DSL, cable
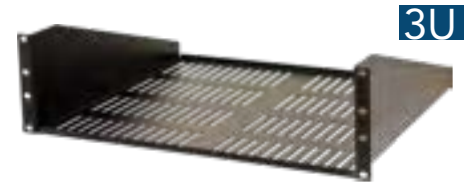
1U, 2U & 3U 19" Single-Sided Vented Shelf

Vertical Cable offers a wide range of non-sliding shelves. They all can be center mounted in any Vertical Cable Racks, Wall Mounts, and Enclosures. Available in various heights. The 1U, 2U and 3U Vented Shelves are light but solid. Vertical Cable also offers an Adjustable Depth Shelf that extends up to 42". This shelf gives the installer flexibility and accomodates for future installation add-ons.

1U

Height	Width	Depth	Weight	Capacity
1.75"	19"	12"	3.7 LBS	20 LBS

2U
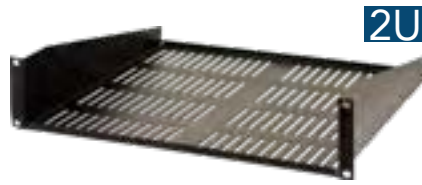
Height	Width	Depth	Weight	Capacity
3.50"	19"	15.75"	3.9 LBS	37 LBS

3U

Height	Width	Depth	Weight	Capacity
5.25"	19"	15.75"	4.1 LBS	37 LBS

Item #	Description
047-WVS-1300	1U, 19" Single-Sided Vented Shelf
047-WVS-2400	2U, 19" Single-Sided Vented Shelf
047-WVS-3400	3U, 19" Single-Sided Vented Shelf

Features:
- 1 piece 19" Vented Single-Sided Shelves
- Mounts on any standard 19" rack or wall mount
- Perfect for server and network usage
- Comes with screws, washers and cage nuts
- Loading Capacity up to 37lbs

1U

1U, 2U, 3U 19" Single-Sided Non-Vented Shelf

1U

Height	Width	Depth	Weight	Capacity
1.75"	19"	12"	3.9 LBS	30.8 LBS

2U

Height	Width	Depth	Weight	Capacity
3.50"	19"	15.70"	4.4 LBS	44 LBS

3U

Height	Width	Depth	Weight	Capacity
5.25"	19"	15.63"	4.9 LBS	44 LBS

Item #	Description
047-WSS-1300	1U, 19" Single-Sided Non-Vented Shelf
047-WSS-2400	2U, 19" Single-Sided Non-Vented Shelf
047-WSS-3400	3U, 19" Single-Sided Non-Vented Shelf

Features:
- 1 piece 19" Non-Vented Shelves
- Mounts on any standard 19" rack or wall mount
- Made from 1.5mm EG Steel
- Comes with 8 sets of M6 Washers/Screws/Cage Nuts
- Loading Capacity up to 44bs
- Suitable for network electronics/components; Perfect for server installations

3U

2U 19" Heavy Duty Adjustable Shelf

Height	Width	Depth	Weight	Capacity
3"	19"	42"	13LBS	121 LBS

Item #	Description
047-WAS-2400	2U, 4 point, Heavy Duty Adjustable Shelf

Features:
- Heavy duty adjustable shelf mounts on any standard 4-post 19" rack
- Made from 1.5mm EG Steel
- Comes with 16 sets of M6 Washers/Screws/Cage Nuts
- Loading Capacity 121lbs
- Adjustable depth: 22" to 42"
- Suitable for network electronics/components & keyboards

Sliding Keyboard Shelf, 19"

Vertical Cable Sliding Keyboard Shelves are made to work with any Vertical Cable Rack. However, they will also work with any standard 19" 4 Post Rack. These shelves are made from solid steel and slide out smoothly and steadily. An additional smaller tray is built in under the shelf for convenience. Perfect for keyboard and mouse.

Hardware:
M6.0 8pcs
NUT 8pcs
WASHER 8pcs

1U

Height	Width	Depth	Weight	Capacity
1.75"	19"	12"	12 LBS	44 LBS

16" Wide Keyboard Compatible

Item #	Description
047-WKS-3551	Sliding Keyboard Shelf, 19"

Features:
- Applications: holds accessories for installed components in server or network enclosures
- Smaller steel tray slides out from underneath, requires 2U for full functionality
- Great shelf for a keyboard and mouse within your server rack
- Comes with 8 sets of screws, washers and cage nuts
- Mounts on most 19" racks | 16" Wide Keyboard Compatible
- Adjustable Mounting Depth: 12" to 28"

1U, 19" Vented Sliding Shelf

Vertical Cable Vented Shelves are built of sturdy steel, and slide out with ease. They fit 19" 4 Post compatibile racks. Perfect server accessories or audio/video equipment. They are also vented on the bottom to help with cooling.

Height	Width	Depth	Weight	Capacity
1.75"	19"	25"-36"	12 LBS	44 LBS

1U

Only compatible with 4 post rack

Item #	Description
047-WSS-3551	1U, 19" Vented Sliding Shelf

Features:
- 1U, 19" Vented Sliding Shelf
- Mounts on any standard 4-post 19" rack
- Vented to ensure cooling
- Made from 1.5mm EG Steel
- Comes with 8 sets of M6 Washers/Screws/Cage Nuts
- Loading Capacity 44lbs
- Depth: 25"-36"
- Suitable for network electronics/components

Tools & Testers

Vertical Cable offers a complete set of wire handling tools to accommodate all our cable and connectivity products. Ranging from Punch Down Tools to Cable Strippers, Cutters and Testers, find everything you need for a proper cable installation.

Punch Down Tools

- Alloy steel blades
- Punch Down Tools features no slip ribbed handles

Item #	Description
078-1028	Punch Down Tool, Spring-Loaded Adjustable Impact, Cuts & Terminates Conductors on 110/88
078-1988K	Impact Punch Down Tool for Krone Terminal Block
078-2150	I-Punch Tool for Keystone Jack Series
078-1025	Impact Punch Down Tool with 110/88/66 Blade
078-1025/B	110 Type Blade for 078-1025 Impact Punch Down Tool
078-1025/B210	Krone Type Blade for 078-1025 Impact Punch Down Tool

078-1028

078-1988K

078-1025

078-1025/B210

078-1025/B
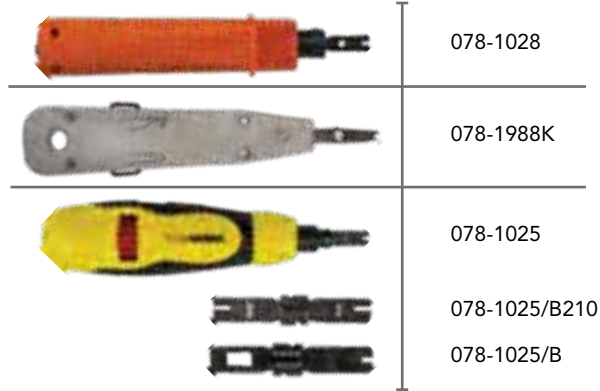
Crimping & Compression Tools

- Tools feature wide, comfortable handles.
- Durable, long-lasting hardware

Item #	Description
078-1016	Crimping Tool for RJ45, 8P8C, Built-in Cutting-Stripping Blade
078-1017	Crimping Tool for RJ11, RJ12, RJ45, Built-in Cutting-Stripping Blade
078-1018	Compression Tool, Terminates RCA, BNC, RG59, RG6
078-1019	Compression Tool, Terminates RG11
078-2152/EZC	Crimping Tool for Feed Through Plugs
078-2153/B	Replacement Blade for EZ Feed Crimping Tool
078-2154/EZC/S	Tool for CAT6A Easy Feed RJ45 Modular Plug for Shielded Cable
	COMING SOON

078-1016

078-1017

078-1018

078-1019

078-2152/EZC

078-2153/B

Cutters & Strippers

- Miniature Stripper/Cutter/ Punch Down Tool offers an economical solution for various installation operations in 1 tool
- Cutter cuts a large range of gauge wires up to 8 conductors, including Category, Audio, and Coaxial Cable
- Universal Stripping Tool features a reversible casette: side 1 for RG59/6, side 2 for RG7/11. Additional hole sfor networking (CAT) and flat phone cable
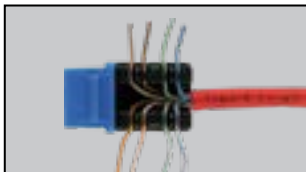
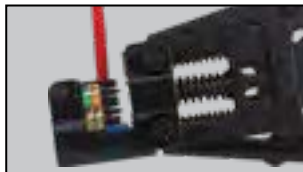| Item #	Description
078-1022	Universal Cable Stripper for RG59, RG6, RG7, RG11, CATs, Flat Telephone Wire
078-1023	Miniature 5 Adjustable Stripper/Cutter/Punch Down Tool, AWG10-30 Wire, UTP/STP Round Cable
078-1024	Cable Cutter, Cuts Wire up to 0.42/10.7mm
078-1256	Coaxial Stripper, Thumbwind-Style, Adjustable Blade, For RG59 & RG6

078-1022

078-1023

078-1024

078-1056

Closer Look at I-Punch Tool

Vertical Cable's featured tool is the I-Punch Tool, which terminates multiple conductors in one single movement. This tool will save the installer vast amounts of time, and make the job significantly easier.
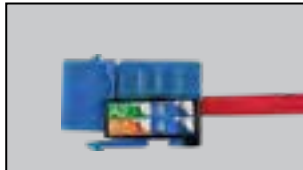
1 PREP

2 INSERT

3 PUNCH

4 DONE

078-2150

Testers

Ensures that all intended connections work, and no unintended connections exist in your installation; find everything you need for a proper cable installation.

Item #	Description
078-2149	Cable Tester for RJ11, RJ45

Features:

- Continuity Tester: Opens Test & Shorts Test
- Spots shorts.
- Tester for testing continuity

Better Together

Writable & Erasable Marking Surface | Mini Patch Panel *041-370M*

Office   Room2   Room3   CAT5E

1 2 3 4 5 6 7 8 9 10 11 12

Stay Organized | Velcro Tie Wrap *045-V Series*

Punch Down Tool *078-1023*

Examples of Retail Packs

CABLE TESTER

CHECK FOR UTP, STP, COAXIAL, AND MODULAR CABLES

Works with feed thru connectors

CABLE CUTTER

CURVE BLADE CUTS WIRE UP TO 0.42(10.7MM)

STEEL FACE CUTTER

KRONE TYPE BLADE

MADE IN TAIWAN

Index

Vertical Cable CONNECTIVITY PRODUCTS & CABLE SAMPLES

Ask Your Account Manager About Our Connectivity Sample Packs:
FL: 800.749.2447 | NY: 845.391.8318 | CA: 951.696.7772