**Multilink**
*Simply More...*

# Focused Fiber Solutions Catalog | 2020

Broadband | Telecom | Industrial | Renewable | Utility | Data Center | Military | DOT | ITS

## Telecommunications in a Sustainable World

By its very nature, the telecommunications trade uses a lot of energy and creates a sizable footprint. The ICT industry's share of global $CO_2$ emissions will soon reach 1,680 metric tons of carbon dioxide in the atmosphere.

Worried about this trend, Multilink has made our practices safer for the environment, starting with the company's all-in-one structure and extending to our equipment and recycling processes.

Our biggest claim to efficiency is that we don't need to outsource orders. Since we have both sheet metal fabrication and powder coating facilities on our campus, we're able to design, engineer and produce proprietary or custom finished products here in Ohio. By manufacturing on-site, we're creating local jobs without having to send orders over vast distances in gas-guzzling semi-trucks or use extra paper, cardboard and plastic for shipping.

Multilink also has laser cutters and servo-electric press brakes for use in metal fabrication. Instead of employing heavily motorized hydraulics to mold and cut steel, these top-of-the-line machines use 60% less energy by putting the stress on the power supply and not the machines themselves.

"Every time we've invested in new equipment, we've invested in something that is more friendly to the environment or to reduce our carbon footprint," says Multilink Production Manager Ryan Kaplan.

This equipment doesn't come cheap, but the benefits outweigh the costs; we're helping to protect the environment, while saving capital by using less energy. Our products pave the way for people to communicate much more easily, which ultimately cuts down on resource usage.

In addition to selling our excess scrap to Medina Recycling, Multilink invites employees to recycle their excess plastic, aluminum and paper with receptables in our break rooms.

And then there's the little things. A few years ago, management decided to purchase Multilink mugs for our employees. Even something small like this accomplishes three things. First, the company creates less waste because we're not throwing away hundreds of Styrofoam or paper cups every month. Second, it saves us money because the mugs are reusable. Third, it's just nice to give employees a mug. Who doesn't want a mug?

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🌐 **gomultilink.com/thelab**

Nobody truly knows how useful products are until they see them in action for themselves, which is why The Lab is such a hit at trade shows and location visits. Multilink is all about meeting our customers' needs with what we make, and our Lab is the perfect extension of this promise. Don't hesitate to book it. Call us at 440-366-6802 or contact your local salesperson at gomultilink.com/about/contact and inquire about The Lab.

# Innovations at Work!

**2019**   Patented Fiber Optic Splice Tray and Enclosure
Patented Modularly Expandable Enclosure
Patented Field Installable Connector System for
    Drop Cables and the Like
Patented Attachment Apparatus for Field Installable
    Cable Termination Systems

**2018**   Patented Field Installable Cable Termination System and Method

**2014**   Patented Container Cover/Door with High Security Locking System
Patented Base Plate of Optical Fiber Splice Cassette

**2012**   Patented Telecommunications Mounting Enclosure

**2011**   Patented Cable And Overlay Moldings
Patented Exterior Downspout Raceway System For Cables

**2010**   Flex Grid Internal Mounting on Plastic Boxes

**2009**   Patented Slack Cable Storage Box

**2008**   Patented Slack Cable Storage Box w/ Adjustable Height Spools
Slack-N-Roll Storage Device
Dual Wall Heat Transfer System For Outdoor Enclosures

**2007**   First Web Video Installation Training For Fusion Splicing
    and Power Supply
FTTX Fiber Optic Slack Storage Enclosure
FTTX Overlay Molding For Existing Molding
FTTX Exterior Fiber Optic Slack Storage Enclosure

**2005**   Drop Fiber Sno-Shoe
Mulitpath Pavement Duct System
5 Amp Min. Stand By Power Supply
Direct Core Cooling
Open Face Molding

**2004**   Compression Seal Technology Dome Enclosure
Tech Bag For Handling Converters

**2002**   Patented Communication Cable Clip

**2001**   Patented 2 Versions of Aerial Storage Unit for Fiber Optic Cable

**2000**   Release of 1st Airflow Power Supply Cabinet

**1999**   Patented Cable Support Bracket
Patented The 1st Uninterruptible Poer Supply With Polarity
Of Inverters CCP Tech

**1998**   Patented Sealing Fiber Optic Entryways to a Sealed Enclosure

**1997**   Patented Cable Identification Tag

**1995**   Patented Aerial Storage Unit for Fiber Optic Cable

**1993**   Patented And Trademarked First Plastic Sno-Shoe
Patented Hollow Coving for Concealing Electrical Wires

**1992**   Patented Torque Signalling Wrench
Patented Cover Securing Element Chamber for a Cable Television
    Subscriber Recepticle

**1991**   Patented Cable Stripping Device

## Not All Products Meet Our Quality Standards

At Multilink, many of our original products and ideas get left on the cutting room floor, and that's perfectly fine with us. We focus on delivering dependability through the measures we take in quality control.

We believe that transparency is the best way to make quality happen; if people know how our production process works, they have a better idea of how good of a job we do. And since we always do a good job, what do we have to hide?

Multilink's product creation system is based on ISO 9000 international quality assurance standards. ISO 9000 focuses on seven quality management principles: customer focus, relationship management, evidence-based decision making, improvement, process approach, engagement of people and leadership.

But our high standards extend beyond that, and custom-tailored products are one of the ways we follow through on that promise. Multilink's standard products have been designed to meet all your needs out of the gate, but we understand that today's tele-

communications companies need to face unique challenges and requirements.

Don't see what you need in our current lineup? We'll work directly with you to configure any of our goods to meet your exact specifications. Our engineers and designers follow all custom products through the planning, manufacturing and finishing processes to ensure everything is built and works correctly.

Fiber optics, specifically, are often subject to wear and tear. Our fiber department eliminates this issue by using insertion loss testers and providing customers with the testing reports for their assemblies, so they always know exactly how they perform in the field before they even receive them.

Anyone who visits GoMultilink.com will notice Eugene, another helpful tool that helps us fulfill our

commitment to quality. Eugene is a virtual chat assistant who lives in the bottom-right corner of our website and helps answer our customers' questions about Multilink's products and services. He can even put visitors directly in touch with one of our product specialists or customer sales representatives.

Our interactive online fiber assembly configurator shows how your assemblies will look and function before we even build them, providing you with further clarity and control over our step-by-step production process. This tool is great for pitching and planning new network development projects.

Having an overarching commitment to quality certainly isn't easy, and it's disappointing that some products never see the light of day, but the good outweighs the bad. Our items can only function properly if we hold them and ourselves to high expectations, which means that some of them will be left behind. Others require small tweaks or changes, while even more need to be reworked entirely before they hit the market. But you know what? That's okay, because at the end of the day we're here to make sure your connections work. **Multilink: Simply More.**

# Central Office / Head End

The Central Office / Head End (CO/HE) is the backbone of any network. Well-crafted products can make a significant difference in the **reliability and ease of use within your network**. This is why we spend many years researching and engineering our products to live up to the rigorous standards required within the CO/HE. Our products help provide lasting quality and versatility that grows with the future of your network for years to come.

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# Rack Mount Configurator

gomultilink.com/categories/rack-mount

## Rack Mount FDU Configurator

ML - ☐ – ☐–☐ – ☐ – ☐ – ☐ – ☐ – ☐

**ML - 54 - 24 - B - SAD - T9 - 003 - 29 - 12**

**Translates:**
FRM-1RU-3X-TS-S, 24 loaded ports, Black, SC/APC Duplex SM, 900μm (spiral wrap), 3 meters in length, equipped with 2 of the 1120-SSTP trays, 12 splices per tray

**Rack Mount Shown:**
FRM-4RU-4X-PS

| Enclosure Type | # Of Conn. | Color | Adapter | Pigtail | Length (Meters) | Splice Tray*** | Splice Count |
|---|---|---|---|---|---|---|---|
| **RACK MOUNTS** | 006 | **B**-Black | **SCS**=SC Simplex MM | **00**=None | **00X**** | **X1**=1120-SSTA | 12 |
| **12** FRM-1RU-2X-SO | 012 | **O**-Off White | **SCD**=SC Duplex MM | **T9**=900μm (spiral wrap) | | **X2**=2000-SSTA | 24 |
| **54** FRM-1RU-3X-TS-S | 018 | **BE**-Beige* | **SUS**=SC Simplex SM | **T3**=3mm | | **X3**=2020-SSTP | 24 |
| **39** FRM-1RU-3X-TS-HD | 024 | **G**-Gray* | **SUD**=SC Duplex SM | **MD**=Module | | **X4**=4048-SSTP | 24 |
| **46** FRM-1RU-2X-TS-DOT | 030 | | **SAS**=SC/APC Simplex SM | **OSP**=OSP Dielectric Cable | | **X5**=4072-SSTP | 36 |
| **52** FRM-1RU-2X-TS-DOT-S | 036 | | **SAD**=SC/APC Duplex SM | **OSA**=OSP Armored Cable | | **X6**=3000-SSTA | 24 |
| **13** FRM-2RU-4X-SO | 042 | | **SGS**=SC Simplex 10Gig | **RBN**=Ribbon | | **X7**=3030-SSTP | 24 |
| **14** FRM-2RU-4X-TS | 048 | | **SGD**=SC Duplex 10Gig | **DST**=Distribution Cable | | **X8**=612-SSTP | 12 |
| **55** FRM-2RU-6X-TS-S | 054 | | | (Riser Rated) | | **X9**=1120-SSTP | 12 |
| **40** FRM-2RU-6X-TS-HD | 060 | | **FC**=FC MM | | | **X10**=1124-SSTP | 12 |
| **15** FRM-3RU-6X-TS | 066 | | **FU**=FC SM | | | | |
| **56** FRM-3RU-9X-TS-S | 072 | | **FA**=FC/APC | | | "X"Denotes | |
| **41** FRM-3RU-9X-TS-HD | 096 | | | | | number of trays | |
| **16** FRM-4RU-12X-TS | 144 | | **LCAD**=LC/APC Duplex SM | | | | |
| **57** FRM-4RU-12X-TS-S | 288 | | **LCAQ**=LC/APC Quad SM | | | | |
| **18** FRM-4RU-4X-PS | | | **LCPD**=LC Duplex MM | | | | |
| **42** FRM-4RU-12X-TS-HD | | | **LCPQ**=LC Quad MM | | | | |
| **17** FRM-8.5RU-24X-TS | | | **LCUD**=LC Duplex SM | | | | |
| **19** FRM-8.5RU-12X-PS | | | **LCUQ**=LC Quad SM | | | | |
| **44** FRM-8RU-24X-TS-HD | | | **LCGD**=LC Duplex 10 Gig | | | | |
| **20** FF-RM-12X | | | **LCGQ**=LC Quad 10 Gig | | | | |
| **68** FRM-E-1RU | | | | | | | |
| **69** FRM-E-2RU | | | **ST6**=ST 6 port MM | | | | |
| **70** FRM-E-3RU | | | **ST8**=ST 8 port MM | | | | |
| **71** FRM-E-4RU | | | **ST12**=ST 12 port MM | | | | |
| | | | **SM6**=ST 6 port SM | | | | |
| | | | **SM8**=ST 8 port SM | | | | |
| | | | **SM12**=ST 12 port SM | | | | |

\*   Only available in specified boxes.
    Refer to catalog descriptions.
\*\*  Feet divided by 2.54 and rounded up to
    the full meter.
\*\*\* Align with unit type.

# Patch Panels

Properly designed Patch Panels are a vital piece in any network, whether it is rack mounts for a head-end or central office or an indoor wall mount used in an FTTH build for last-mile fiber distribution. Each of our panels are engineered from the ground up with features such as a swing out or slide out master panel in our rack mounts, options with NEMA 4 ratings in our outdoor enclosures or dual doors for added security in our indoor wall mounts. Panels are available with up to 288 connections and can be easily customized to match your network needs.

» Standardized 19" and 23" rack mount compatibility
» Customizable Configurations
» High fiber capacity
» Excellent fiber management

🌐 **gomultilink.com/categories/rack-mount**

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## QUICK DELIVERY | FAST DEPLOYMENT | CUSTOM CONFIGURATIONS

### Swing-Out Style Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL/ FINISH | ADAPTER CAPACITY | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|---|
| **1RU Rack Mount** | **FRM-1RU-2X-SO    (ML-12)** | | | | | | |
| **10-4323 (Black)** **10-4325 (Off-white)** | Rack Mount FDU 1RU in height with 2 termination panel capacity and swing out master panel tray | 1.75"H x 17"W x 11.0"D | 12 lbs. | 16 Guage Powder Coated Steel | (2) Panels | (2) 1120-SSTA or (2) 1120-SSTP or (2) 1124-SSTP | 24 SC/ST 48 LC with 1124 tray |
| **2RU Rack Mount** | **FRM-2RU-4X-SO    (ML-13)** | | | | | | |
| **10-4327 (Black)** **10-4326 (Off-white)** | Rack Mount FDU 2RU in height with 4 termination panel capacity and swing out master panel tray | 3.5"H x 17"W x 11.0"D | 13 lbs. | 16 Guage Powder Coated Steel | (4) Panels | (4) 1120-SSTA or (4) 1120-SSTP or (4) 1124-SSTP | 48 SC/ST 96 LC with 1124 tray |

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# Patch Panels – Economy Series

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## Slide-Out Style Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL/ FINISH | ADAPTER CAPACITY | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|
| **1RU Economy Rack Mount** | **FRM-E-1RU   (ML-68)** | | | | | |
| 045-903-10 (Black) 045-903-11 (Off-white) | Economy Rack Mount FDU 1RU in height with split top design, slide out master panel tray | 1.75"H x 17"W x 13.87"D 19" Rack, 23" Rack | 16 Guage Steel Polyester Powder Coated | (3) Panels | (3) 1120-SSTP (3) 1124-SSTP | 36 SC/ST 72 LC with 1124 tray |
| **2RU Economy Rack Mount** | **FRM-E-2RU   (ML-69)** | | | | | |
| 045-917-10 (Black) 045-917-11 (Off-white) | Economy Rack Mount FDU 2RU in height with slide out master panel tray | 3.46"H x 17"W x 14.51"D 19" Rack, 23" Rack | 16 Guage Steel Polyester Powder Coated | (6) Panels | (3) 2000-SSTA | 72 SC/ST/LC |
| **3RU Economy Rack Mount** | **FRM-E-3RU   (ML-70)** | | | | | |
| 045-918-10 (Black) 045-918-11 (Off-white) | Economy Rack Mount FDU 3RU in height with slide slide out master panel tray | 5.21"H x 17"W x 14.51"D 19" Rack, 23" Rack | 16 Guage Steel Polyester Powder Coated | (9) Panels | (5) 2000-SSTA | 108 SC/ST/LC |
| **4RU Economy Rack Mount** | **FRM-E-4RU   (ML-71)** | | | | | |
| 045-919-10 (Black) 045-919-11 (Off-white) | Economy Rack Mount FDU 4RU in height with slide slide out master panel tray | 6.96"H x 17"W x 14.51"D 19" Rack, 23" Rack | 16 Guage Steel Polyester Powder Coated | (12) Panels | (6) 2000-SSTA | 144 SC/ST/LC |

## Slide-Out Removable Top Style Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL/FINISH | PANEL CAPACITY | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|---|
| **1RU Rack Mount** | **FRM-1RU-3X-TS-S   (ML-54)** | | | | | | |
| **045-686-10 (Black)** **045-686-11 (Off-white)** | Rack Mount FDU 1RU in height with split top design and slide out master panel tray | 1.75"H x 17"W x 14.6"D | 15 lbs. | 16 Guage Powder Coated Steel | (3) Panels | (3) 1120-SSTP (3) 1124-SSTP | 36 SC/ST 72 LC with 1124 tray |
| **2RU Rack Mount** | **FRM-2RU-6X-TS-S   (ML-55)** | | | | | | |
| **045-798-10 (Black)** **045-798-11 (Off-white)** | Rack Mount FDU 2RU in height with split top design and slide out master panel tray | 3.50"H x 17"W x 14.6"D | 19 lbs. | .060" Powder Coated Aluminum | (6) Panels | (3) 2000-SSTA | 72 SC/ST/ LC |
| **3RU Rack Mount** | **FRM-3RU-9X-TS-S   (ML-56)** | | | | | | |
| **045-799-10 (Black)** **045-799-11 (Off-white)** | Rack Mount FDU 3RU in height with split top design and slide out master panel tray | 5.2"H x 17"W x 14.6"D | 20.5 lbs. | .060" Powder Coated Aluminum | (9) Panels | (5) 2000-SSTA | 108 SC/ST/ LC |
| **4RU Rack Mount** | **FRM-4RU-12X-TS-S   (ML-57)** | | | | | | |
| **045-800-10 (Black)** **045-800-11 (Off-white)** | Rack Mount FDU 4RU in height with split top design and slide out master panel tray | 6.96"H x 17"W x 14.6"D | 26 lbs. | .060" Powder Coated Aluminum | (12) Panels | (8) 2000-SSTA | 144 SC/ST/ LC |

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# Patch Panels – High Density Series

🌐 gomultilink.com/categories/rack-mount

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## High Density Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL/ FINISH | ADAPTER CAPACITY | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|
| **1RU High Density Rack Mount** | **FRM-1RU-3X-TS-HD   (ML-39)** | | | | | |
| 045-339-10 (Black) 045-339-11 (Off-white) | High Density Rack Mount FDU 1RU with split top design and locking slide out master panel tray | 1.75"H x 17"W x 16"D | 16 Guage Steel Polyester Powder Coated | (3) Panels | (2) 4072-SSTP | 36 SC/ST 72 LC |
| **2RU High Density Rack Mount** | **FRM-2RU-6X-TS-HD   (ML-40)** | | | | | |
| 045-382-10 (Black) 045-382-11 (Off-white) | High Density Rack Mount FDU 2RU with split top design and locking slide out master panel tray | 3.5"H x 17"W x 16"D | .060" Powder Coated Aluminum | (6) Panels | (4) 4072-SSTP | 72 SC/ST 144 LC |
| **3RU High Density Rack Mount** | **FRM-3RU-9X-TS-HD   (ML-41)** | | | | | |
| 045-418-10  (Black) 045-418-11 (Off-white) | High Density Rack Mount FDU 3RU with split top design and locking slide out master panel tray | 5.25"H x 17"W x 16"D | .060" Powder Coated Aluminum | (9) Panels | (6) 4072-SSTP | 108 SC/ST 216 LC |
| **4RU High Density Rack Mount** | **FRM-4RU-12X-TS-HD   (ML-42)** | | | | | |
| 045-391-10 (Black) 045-391-11 (Off-white) | High Density Rack Mount FDU 4RU with split top design and locking slide out master panel tray | 7"H x 17"W x 16"D | .060" Powder Coated Aluminum | (12) Panels | (8) 4072-SSTP | 144 SC/ST 288 LC |
| **8RU High Density Rack Mount** | **FRM-8RU-24X-TS-HD   (ML-44)** | | | | | |
| 045-583-10 (Black) 045-583-11 (Off-white) | High Density Rack Mount FDU 8RU in height with split top design and slide out master panel trays | 13.88"H x 17"W x 16"D | .060" Powder Coated Aluminum | (24) Panels | (16) 4072-SSTP | 288 SC/ST 576 LC |

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# Patch Panels – Signature Series

Multilink's Signature Series of patch panels offers more versatility than standard models. They are compatible with various bulkheads, allowing them to interface with standard adapter panels as well as our CT-X Cassettes and Fiber Termination Modules. Multilink's patch panels are designed with flexibility in mind to help make network installation and maintenance easier and more efficient regardless of where a network is being set up.

**Note:** Both a bulkhead and a main patch panel must be ordered separately to form a complete unit.

🌐 **gomultilink.com/categories/rack-mount**

## Signature Series Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL/ FINISH | ADAPTER CAPACITY | SPLICE TRAY | RACK OPTIONS |
|----------|-------------|------------|--------|------------------|------------------|-------------|--------------|
| **1RU Signature Series  FRM-1RU-XX-SIG   (ML-58)** | | | | | | | |
| 045-665-00 | Signature Series Rack Mount FDU 1RU in height with slide out master tray and no bulkhead | 1.75"H x 19"W x 14.19"D | 15 lbs. | Aluminum & Steel with Bronze Powder Coat | (2) CT-X Cassettes or (3) FTM Modules | Splicing available with modules and cassettes only | Door Panel (optional custom silk-screen logo) |
| **2RU Signature Series   FRM-2RU-XX-SIG   (ML-59)** | | | | | | | |
| 045-778-00 | Signature Series Rack Mount FDU 2RU in height with slide out master tray and no bulkhead | 3.47"H x 19"W x 14.24"D | 19 lbs. | Aluminum & Steel with Bronze Powder Coat | (4) CT-X Cassettes or (6) FTM Modules | Splicing available with modules and cassettes only | Door Panel (optional custom silk-screen logo) |
| **4RU Signature Series   FRM-4RU-XX-SIG   (ML-60)** | | | | | | | |
| 045-763-00 | Signature Series Rack Mount FDU 4RU in height with slide out master tray and no bulkhead | 6.97"H x 19"W x 14.24"D | 26 lbs. | Aluminum & Steel with Bronze Powder Coat | (8 or 12) CT-X Cassettes or (12) FTM Modules | Splicing available with modules and cassettes only | Door Panel (optional custom silk-screen logo) |
| **6.5RU Signature Series  FRM-6.5RU-XX-SIG   (ML-61)** | | | | | | | |
| 045-899-10 | Signature Series Rack Mount FDU 6.5RU in height and no bulkhead | 10.98"H x 20"W x 15.56"D | 30 lbs. | Aluminum & Steel with Almond Beige Powder Coat | (24) CT-X Cassettes | Splicing available with cassettes only | Door Panel (optional custom silk-screen logo) |

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# Patch Panels – Signature Series Bulkhead Options

Multilink's interchangeable bulkhead options for our Signature Series of patch panels are compatible with standard adapter panels as well as our industry-leading CT-X Cassettes and Fiber Termination Modules. At Multilink, we like to make network installation and maintenance as quick and easy as possible, and our bulkhead panels offer a variety of efficient and cost-effective solutions for fiber optics patching and splicing.

**Note:** Both a bulkhead and a main patch panel must be ordered separately to form a complete unit.

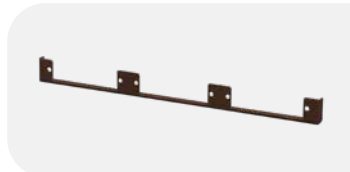🌐 **gomultilink.com/categories/rack-mount**

**1RU**    **2RU**    **4RU**

## Signature Series Fiber Distribution Units – Bulkhead Options

| STOCK ID | DESCRIPTION | CAPACITY |
|---|---|---|
| **Bulkhead-Standard Multilink Panels** | | |
| 072-208-20 (1RU) 072-276-20 (2RU) 072-277-20 (4RU) | Signature Series bulkhead for standard Multilink adapter panels/modules | (3) Panels per rack unit |
| **Bulkhead-Multilink CT-X Modules** | | |
| 072-208-50 (1RU) 072-276-50 (2RU) 072-277-50 (4RU, 8 CT-X) 072-277-51 (4RU, 12 CT-X) | Signature Series bulkhead for Multilink CT-X Modules | (2) Modules per rack unit (2 or 3) Modules per rack unit for the 4RU only |
| **Bulkhead-Narrow Multilink Modules** | | |
| 072-208-30 (1RU) 072-276-30 (2RU) 072-277-30 (4RU) | Signature Series bulkhead for Multilink Narrow FTM Modules | (4) Modules per rack unit |

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## Slide-Out Style Combination Patch & Splice Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL/ FINISH | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|
| **4RU Rack Mount** (Includes 1 4048 splice tray) **FRM-4RU-4X-PS   (ML-18)** | | | | | | |
| **10-5270 (Black)** **10-2146 (Off White)** | Rack Mount FDU 4RU in height with slide out adapter panel and separate slide out splice tray panel | 7.0"H x 17"W x 14.0"D | 16 lbs. | .060" Powder Coated Aluminum | (4) 4048-SSTP or (4) 4072-SSTP | 4 Panels 48 SC/ST 96 LC |
| **8.5RU Rack Mount** (Includes 1 4048 splice tray) **FRM-8RU-12X-PS   (ML-19)** | | | | | | |
| **10-8584 (Black)** **10-8585 (Off White)** | Rack Mount FDU 8.5RU in height with slide out adapter panel and separate slide out splice tray panel | 14.88"H x 17"W x 14.0"D | 20 lbs. | .060" Powder Coated Aluminum | (8) 4048-SSTP or (8) 4072-SSTP | 12 Panels 144 SC/ST 288 LC |

## Slide-Out Style Splice Shelves

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL/ FINISH | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|
| **3RU Rack Mount** **FRM-3RU-SS** | | | | | | |
| **045-782-10 (Black)** **045-783-10  (Off White)** | Rack Mount 3RU in height with slide out master splice tray panel | 5.25"H x 17"W x 14.0"D | 7.25 lbs. | .060" Powder Coated Aluminum | (4) 4048-SSTP or (4) 4072-SSTP | 144 Single 576 Mass Fused Fibers |
| **4RU Rack Mount** **FRM-4RU-SS** | | | | | | |
| **045-785-10 (Black)** **045-784-10 (Off White)** | Rack Mount 4RU in height with slide out master splice tray panel | 7.0"H x 17"W x 14.0"D | 8.35 lbs. | .060" Powder Coated Aluminum | (8) 4048-SSTP or (8) 4072-SSTP | 288 Single 1024 Mass Fused Fibers |
| **8.5RU Rack Mount** **FRM-8RU-SS** | | | | | | |
| **045-786-10 (Black)** **045-787-10 (Off White)** | Rack Mount 8.5RU in height with slide out master splice tray panel | 14.88"H x 17"W x 14.0"D | 13.75 lbs. | .060" Powder Coated Aluminum | (16) 4048-SSTP or (16) 4072-SSTP (8 on each shelf) | 576 Single 2048 Mass Fused Fibers |

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## Patch Panels – In-Rack Patch & Wall Mount Accessories

🌐 gomultilink.com/categories/rack-mount

### In-Rack Patch Enclosure Solutions

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL/ FINISH | SPLICE TRAY | MAX CAPACITY |
|---|---|---|---|---|---|---|
| **4RU Rack Mount** | **FF-RM-12X   (ML-20)** | | | | | |
| **10-1038  (Black)** **10-6450 (Off White)** | Rack Mount 4RU in height with fixed master panel with integrated horizontal and vertical jumper guides | 7.0"H x 17"W x 14.0"D | 9.5 lbs. | .060" Powder Coated Aluminum | (12) Panels | 144 SC/ST 288 LC |
| **1RU Rack Mount** | **FRM-1RU-2X-TS-DOT   (ML-46)** | | | | | |
| **045-586-10  (Black)** | Rack Mount 1RU in height made for a 19" or 23"  rack width. Features slide-off cover, 2 fixed bulkhead positions, and 2 captive grommets for cable entry | 1.72"H x 12.25"W x 7.68"D (excluding brackets) | 5.1 lbs. | 16 Guage Powder Coated Steel | (1) 612-SSTP Splice Tray | 12 SC/ST/LC |
| **045-586-30 (Black w/Slide Tray)** | Rack Mount 1RU in height made for a 19" or 23"  rack width. Features slide-off cover, 2 fixed bulkhead positions, and 2 captive grommets for cable entry | 1.72"H x 12.25"W x 7.68"D (excluding brackets) | 5.1 lbs. | 16 Guage Powder Coated Steel | (1) 612-SSTP Splice Tray | 12 SC/ST/LC |
| **Wall Mount Vertical Rack** | | | | | | |
| **072-331-20** | FWM-2RU Vertical Mount with 10-32 Cage Nuts | 4"H x 19.5"W x 4.5"D | | 16 Guage Powder Coated | | |
| **072-332-20** | FWM-3RU Vertical Mount with 10-32 Cage Nuts | 4"H x 19.5"W x 6.25"D | | 16 Guage Powder Coated | | |
| **072-333-20** | FWM-4RU Vertical Mount with 10-32 Cage Nuts | 4"H x 19.5"W x 8"D | | 16 Guage Powder Coated | | |
| **Wall Mount Equipment Shelf** | | | | | | |
| **072-688-10** | Kit – Wall Mount Shelf with Straps | 11.513"H x 15.626"W x 10.626"D | | 16 Guage Powder Coated | | |

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## Optional Rack Mount Equipment

| Stock ID | Description | DIMENSIONS | MATERIAL | CAPACITY |
|---|---|---|---|---|
| **Sliding Drawer Shelves** | | | | |
| The Multilink Rack Mount Sliding Drawer Shelf is available 1RU or 2RU in height and designed for 19" rack mounting only. Drawer fully extends from rack and can also be used as a shelf for a laptop or test equipment. (Includes mounting hardware) | | | | |
| 1RU - 045-372-10 | 19" Rack Mount Drawer | 1RU - 1.75"H x 19"W x 16.02"D | Powder Coated Steel | 1RU - 1.27"H x 16.25"W x 15.63"D |
| 2RU - 045-163-10 | | 2RU - 3.65"H x 19"W x 16.02"D | | 2RU - 3.54"H x 16.25"W x 15.63"D |
| **Bulkhead**  FRM-1RU-3X | | | | |
| 065-060-10 | 19" Rack Mount Patch Panel 1RU w/ 10-32 & 12-24 hardware included | 1.75"H x 19"W | Powder Coated Steel | 3 Adapter Panels |
| **Patch Bulkhead**  FRM-1RU | | | | |
| 072-233-10 | | | | 24 SC Duplex |
| 072-238-10 | 19" Rack Mount Patch Panel 1RU w/ 10-32 hardware included | 1.75"H x 19"W | Powder Coated Steel | 18 SC Duplex |
| 072-235-10 | | | | 24 LC Duplex |
| **Bulkhead w/ Shelf**  FRM-1RU-3X | | | | |
| 072-035-10 | 19" Rack Mount Bulkhead with Shelf for Slack Storage w/ 10-32 & 12-24 hardware included | 1.75"H x 19"W x 8"D | Powder Coated Steel | 3 Adapter Panels or 3 FTM Modules |
| **Shelf**  FRM-1RU | | | | |
| 072-043-10 | 19" Rack Mount Shelf 1RU | 1.75"H x 19"W x 12"D | Powder Coated Steel | 30 lbs. |
| **Filler Panels**  FRM-RU | | | | |
| 1RU - 072-046-10 | | 1.75"H x 19"W | | |
| 2RU - 072-046-20 | 19" Rack Mount Filler Panels | 3.5"H x 19"W | Powder Coated Steel | N/A |
| 3RU - 072-046-30 | | 5.25"H x 19"W | | |
| 4RU - 072-046-40 | | 7"H x 19"W | | |

**4RU-Filler Panel Shown**

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# Cable Management

🌐 gomultilink.com/categories/fiber-distribution-units/cable-management

## Cable Management

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | WEIGHT |
|---|---|---|---|---|
| **Vertical Cable Manager** | | | | |
| 10-4154 | Double Sided, Side Mount/Front & Rear. Brackets are on one side only. | 83"H x 4"W x 5"D | High Grade Polymer | 13 lbs. |
| 10-4155 | Center Mount/Front & Rear. Brackets are on both sides. | 83"H x 4"W x 5"D | High Grade Polymer | 13 lbs. |
| 10-4156 | Double Sided, Side Mount/Front & Rear. Brackets are on one side only. | 83"H x 4"W x 5"D | High Grade Polymer | 7 lbs. |
| **Horizontal Cable Manager** | | | | |
| 10-4164 | Double Sided Horizontal Cable Manager, for Standard 19" Rack. | 1.5"H x 19"W x 3"D | High Grade Polymer | 2 lbs. |
| 10-4165 | Single Sided Horizontal Cable Manager, for Standard 19" Racks. | 1.5"H x 19"W x 2"D | High Grade Polymer | 2 lbs. |
| 10-4160 | Single Sided Horizontal Cable Manager, for Standard 19" Rack. | 3"H x 19"W x 3"D | High Grade Polymer | 3 lbs. |
| 10-4158 | Single Sided Horizontal Cable Manager, for Standard 19" Rack. | 4"H x 19"W x 5"D | High Grade Polymer | 7 lbs. |

## Cable Management

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | WEIGHT |
|----------|-------------|------------|----------|--------|
| **Horizontal Cable Manager** | | | | |
| **10-4162** | Double Sided Horizontal Cable Manager, for Standard 19" Rack. | 1.5"H x 19"W x 3"D | High Grade Polymer | 5 lbs. |
| **10-4163** | Double Sided Horizontal Cable Manager, for Standard 19" Rack. | 1.5"H x 19"W x 2"D | High Grade Polymer | 3.5 lbs. |
| **10-4161** | Double Sided Horizontal Cable Manager, for Standard 19" Rack. | 3"H x 19"W x 3"D | High Grade Polymer | 8 lbs. |
| **10-4159** | Double Sided Horizontal Cable Manager, for Standard 19" Rack. | 3"H x 19"W x 3"D | High Grade Polymer | 10.5 lbs. |
| **10-5437** | Double Sided Horizontal Cable Manager, brackets are on both sides. | 3"H x 19"W x 3"D | High Grade Polymer | 10 lbs. |
| **10-4157** | Double Sided Horizontal Cable Manager, for Standard 19" Rack. | 4"H x 19"W x 5"D | High Grade Polymer | 13 lbs. |
| **10-4166** | Double Sided Horizontal Cable Manage For Standard 19" Rack with Special Strain Relief Bracket | 3"H x 19"W x 3"D | High Grade Polymer | 11 lbs. |

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# Patch Panels Accessories – Rack Mount

🌐 **gomultilink.com/categories/rack-mount**

## Rack Accessories

| Stock ID | Description | MATERIAL/FINISH | CAPACITY |
|---|---|---|---|
| **Lock & Key for Rack Mount Enclosures** | | | |
| Ask for 99534 to be installed on your rack mount enclosure | | | |
| **99534** | Lock and Key for Lexan Doors of Rack Mount Enclosures<br>*Ask for 99534 to be installed on your rack mount enclosure* | N/A | N/A |
| **Strain Relief Kit (1RU)** | | | |
| **065-249-10** | Strain Relief Bracket for 1RU Rack Mount Enclosures with bracket and tie straps | Powder coated steel, plastic straps | N/A |
| **Strain Relief Kit (2RU or larger)** | | | |
| **065-151-10** | | | Ø .300 - .790" |
| **072-479-10** | Strain Relief Bracket for Rack Mount Enclosures | Powder coated steel, rubber grommets | Ø .790 - .1.02" |
| **072-479-20** | | | Ø 1.02 - 1.25" |

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## Splice Trays

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | WEIGHT | CAPACITY |
|---|---|---|---|---|---|
| **Splice Tray 1120-SSTA** | | | | | |
| 70902K | 12 Single Fusion Splice Tray | 6.5"L x 4.75"W x 0.5"D | .08" Powder Coated Aluminum | 0.35 lbs. | 12 Single Fusion Splices 8 Mechanical Splices or 48 Mass Fused Fibers |
| **Splice Tray 2000-SSTA** | | | | | |
| 70506K | 24 Single Fusion Splice Tray | 11.75"L x 4"W x 0.5"D | .08" Powder Coated Aluminum | 0.65 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fused Fibers |
| **Splice Tray 2020-SSTP** | | | | | |
| 70709K | 24 Single Fusion Splice Tray | 12.25"L x 4"W x 0.5"D | .08" Powder Coated Aluminum | 0.54 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fused Fibers |
| **Splice Tray 3000-SSTA** | | | | | |
| 70505K | 24 Single Fusion Splice Tray | 7.75"L x 6"W x 0.5"D | .08" Powder Coated Aluminum | 0.54 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fused Fibers |

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# Splice Trays

gomultilink.com/categories/patch-splice-modules/splice-trays

## Splice Trays

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | WEIGHT | CAPACITY |
|---|---|---|---|---|---|
| **Splice Tray 612-SSTP** | | | | | |
| 065-209-10 | 12 Single Fusion Splice Tray | 6"L x 2.75"W x 0.75"D | Plastic | 0.35 lbs. | 12 Single Fusion Splices |
| **Splice Tray 1120-SSTP** | | | | | |
| 072-059-10 | 12 Single Fusion Splice Tray | 6.5"L x 5.13"W x 0.5"D | Plastic | 0.65 lbs. | 12 Single Fusion Splices, 8 Mechanical Splices or 48 Mass Fused FIbers |
| **Splice Tray 1124-SSTP** | | | | | |
| 072-059-20 | 12 Single (24 Dual Stacked) Fusion Splice Tray | 6.5"L x 5.13"W x 0.5"D | Plastic | 0.65 lbs. | 12 Single Fusion Splices (24 Double Stacked), 8 Mechanical Splices or 48 Mass Fused FIbers |
| **Splice Tray 3030-SSTP** | | | | | |
| 70706K | 24 Single Fusion Splice Tray | 8.25"L x 5.75"W x 0.5"D | Plastic | 0.54 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices or 96 Mass Fused FIbers |
| **Splice Tray 4048-SSTP** | | | | | |
| 10-8007 | 24 Single (48 Dual Stacked) Fusion Splice Tray | 9.75"L x 4.5"W x 0.5"D | Plastic | 0.54 lbs. | 24 Single Fusion Splices (48 Double Stacked), 16 Mechanical Splices or 96 Mass Fused FIbers |
| **Splice Tray 4072-SSTP** | | | | | |
| 065-001-10 | 36 Single (72 Dual Stacked) Fusion Splice Tray | 10.75"L x 5.75"W x 0.5"D | Plastic | .60 lbs. | 36 Single Fusion Splices (72 Double Stacked), 24 Mechanical Splices or 144 Mass Fused FIbers |

## Fiber Management Spools

| STOCK ID | DESCRIPTION | BEND RADIUS | OVERALL SIZE | MOUNTING | MATERIAL/ COLOR | UOM |
|---|---|---|---|---|---|---|
| **Round Spool** | | | | | | |
| **999124** | Round Spool | 1.50" | 1.30"H x Ø3.00" Spool x Ø4.70" Flange | 2x Ø0.21" Mounting Holes | Plastic/Blue | Each |
| **Half Round Spool** | | | | | | |
| **10-7766** | Half Round Spool (2 pcs shown) | 1.25" | 1.36"H x Ø2.50" Spool x Ø3.50" Flange | 1x Ø0.16" Mounting Hole | Plastic/Black | Each |
| **Half Round Spool** | | | | | | |
| **10-3621** | Half Round Spool (2 pcs shown) | 1.75" | 2.75"H x Ø3.50" Spool x Ø4.50" Flange | 2x Ø0.356" x 0.50" Slot, both ends 1x Ø0.125" x 0.80" Slot, both ends | Plastic/Black | Each |
| **Slack-N-Roll** | | | | | | |
| **649-048-10** | Slack-N-Roll Base | 1.17" | 0.61"H x Ø5.88" | 2 x 0.20" Mounting Holes | Plastic/Blue | Each |
| **Spool Bracket** | | | | | | |
| **649-101-10** | Spool Bracket | 1" | 0.67"H x 4.92"W x 1.42"D | Ø0.17" Alignment Stud & Ø0.18" Mounting Hole | Plastic/Black | Each |

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# Fiber Accessories

gomultilink.com/categories/accessories-maintenance/fiber-accessories

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## Fiber Management Straps & Ties
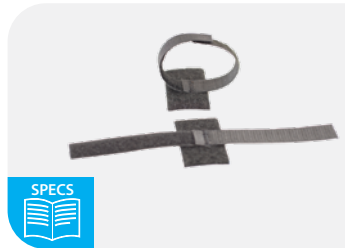
| STOCK ID | DESCRIPTION | OVERALL SIZE | MOUNTING | MATERIAL/ COLOR | UOM |
|---|---|---|---|---|---|
| **Wire Management Strap** | | | | | |
| 99944K | Wire Management Strap | 0.63"W x Ø1.50" max. | Pressure sensitive adhesive | Velcro® brand, black | 50 pieces/pack |
| **Wire Management Loop Tie** | | | | | |
| 990000000FUT8AK | Wire Management Loop Tie, 8" Length | 0.50"W x 8.0"L | N/A | Velcro® brand, black | 25 pieces/pack |
| 99000000FUT12AK | Wire Management Loop Tie, 12" Length | 0.50"W x 12.0"L | N/A | Velcro® brand, black | 25 pieces/pack |
| **Heavy Duty Cinch Tie** | | | | | |
| 999119 | Heavy Duty Cinch Tie, 12" | 0.75"W x 12.0"L | N/A | Velcro® brand strap w/plastic buckle, black | Each |
| 999120 | Heavy Duty Cinch Tie, 18" | 0.75"W x 18.0"L | N/A | Velcro® brand strap w/plastic buckle, black | Each |
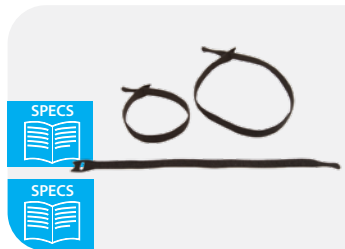
# Fiber Deployment Modules

Our engineers have designed a series patch and splice modules with plug-and-play capabilities that can be installed quickly while offering safe and efficient cable storage and termination. All of our Fiber Deployment Modules (FDM) are manufactured in-house and built to Telcordia and Six Sigma Standards. Our FDM kits are incredibly flexible, allowing you to easily upgrade or add on to existing wall and rack mount configurations. Choose from one of our standard options or customize your module to fit your network's needs.

» Fast deployment
» Customizable
» Perfect for field expansion/upgrade

🌐 gomultilink.com/categories/patch-splice-modules

## QUICK DELIVERY  |  FAST DEPLOYMENT  |  CUSTOMIZABLE

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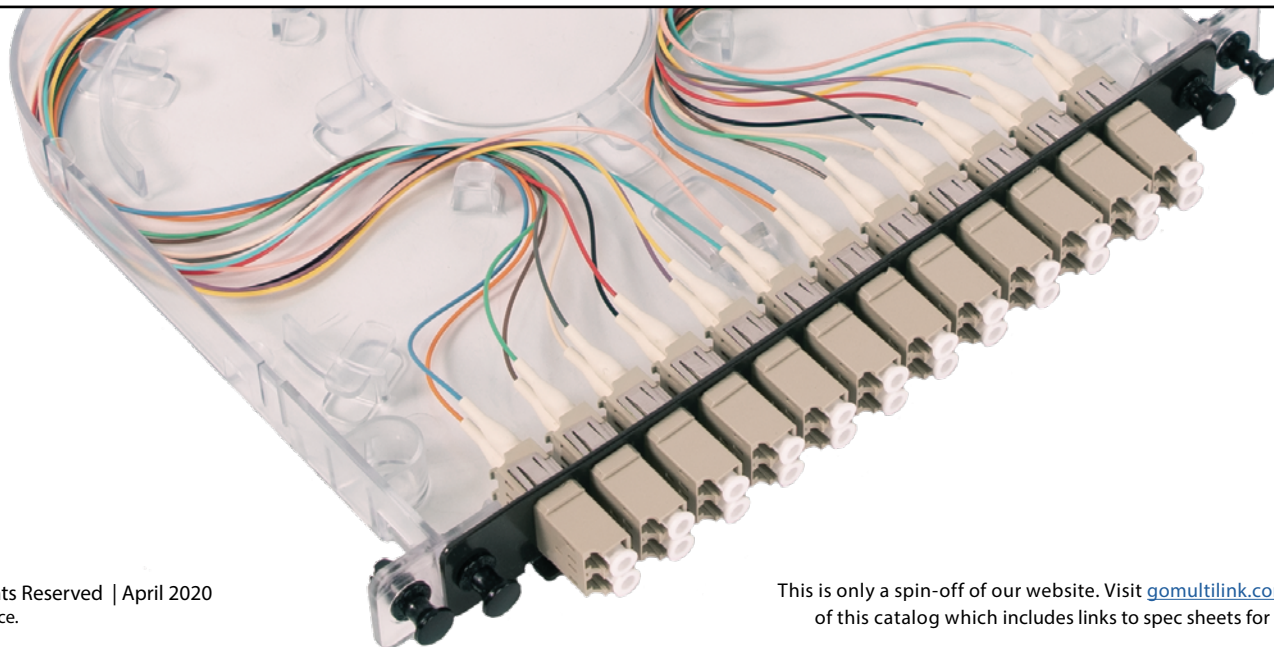
# Fiber Deployment Modules – CT-X

MPO configurations are available by special order, if noted. (MPO)

🌐 **gomultilink.com/categories/patch-splice-modules**

## CT-X Patch Only

[SPECS] The CT-X Patch Only is designed to house 12 adapters along the front of the cassette and a pigtail in the rear to allow patch capabilities.
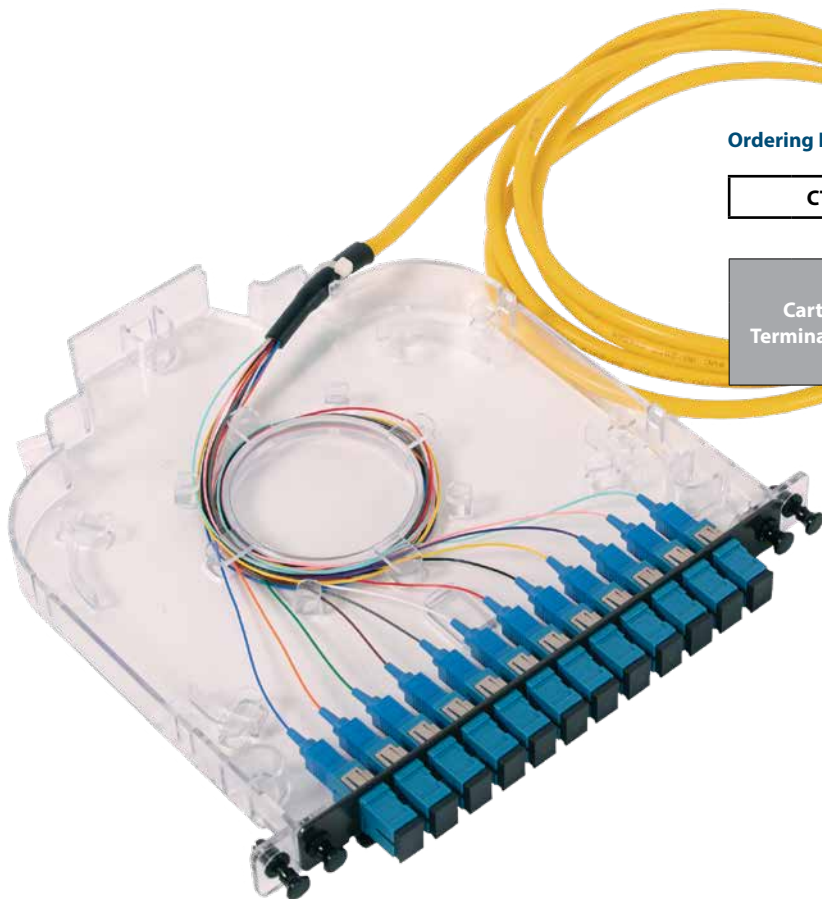
**Ordering Information**

| CT-X | - | PO | - | CL | - | 12 | - | SCA | - | 003 | - | P |

| | Color | |
|---|---|---|
| CL | Clear | |

| | Pigtail Length (Meters) |
|---|---|
| | |

| | Jacket |
|---|---|
| P | OFNP |
| R | OFNR |

| Cartridge Terminal System | Patch Only |
|---|---|

| Fiber Count | |
|---|---|
| LC | 12, 24 |
| SC | 6, 12 |

| | Adapter/ Polish, Fiber |
|---|---|
| LCA | LC/APC SM 9µm |
| LCU | LC/UPC SM 9µm |
| SCA | SC/APC SM 9µm |
| SCU | SC/UPC SM 9µm |
| | |
| LC1 | LC/PC OM1 62.5µm |
| LC2 | LC/PC OM2 50µm |
| LC3 | LC/PC OM3 50µm |
| LC4 | LC/PC OM4 50µm |
| SC1 | SC/PC OM1 62.5µm |
| SC2 | SC/PC OM2 50µm |
| SC3 | SC/PC OM3 50µm |
| SC4 | SC/PC OM4 50µm |

# Fiber Deployment Modules – CT-X

MPO configurations are available by special order, if noted. (MPO)

🌐 **gomultilink.com/categories/patch-splice-modules**

## CT-X Patch & Splice

📖 **SPECS** An integrated splice chip holder, capable of housing 12 fusion splices (24 for LC), is designed within the CT-X Patch & Splice cassette for easy splicing.

**Ordering Information**
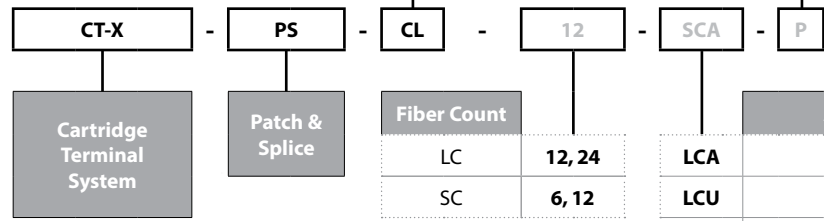
| | Pigtail |
|---|---|
| **P** | 1M Included |
| **N** | Not Included |
| **R** | Ribbon |

| | Color |
|---|---|
| **CL** | Clear |

**CT-X** - **PS** - **CL** - **12** - **SCA** - **P**

| | |
|---|---|
| **Cartridge Terminal System** | |

| | |
|---|---|
| **Patch & Splice** | |

| Fiber Count | |
|---|---|
| LC | **12, 24** |
| SC | **6, 12** |

| | Adapter/ Polish, Fiber |
|---|---|
| **LCA** | LC/APC SM 9µm |
| **LCU** | LC/UPC SM 9µm |
| **SCA** | SC/APC SM 9µm |
| **SCU** | SC/UPC SM 9µm |

| | |
|---|---|
| **LC1** | LC/PC OM1 62.5µm |
| **LC2** | LC/PC OM2 50µm |
| **LC3** | LC/PC OM3 50µm |
| **LC4** | LC/PC OM4 50µm |
| **SC1** | SC/PC OM1 62.5µm |
| **SC2** | SC/PC OM2 50µm |
| **SC3** | SC/PC OM3 50µm |
| **SC4** | SC/PC OM4 50µm |

# Fiber Deployment Modules – CT-X

MPO configurations are available by special order, if noted.  MPO

🌐 **gomultilink.com/categories/patch-splice-modules**

## CT-X MTP (male pinned)

MPO    SPECS    Designed for plug-and-play capability with 1 or 2 MPO's on rear of cassette.

**Ordering Information**

| | Color | | | Method |
|---|---|---|---|---|
| | **CL** | Clear | | **S** | Straight |

**CT-X** - **PNP** - **CL** - 12 - SCA - S

| Cartridge Terminal System | Plug-and-Play (MTP/ MPO) | | | | |
|---|---|---|---|---|---|

| Fiber Count | | | Adapter/ Polish, Fiber |
|---|---|---|---|
| LC | **12, 24** | **LCA** | LC/APC SM 9µm |
| SC | **6, 12** | **LCU** | LC/UPC SM 9µm |
| | | **SCA** | SC/APC SM 9µm |
| | | **SCU** | SC/UPC SM 9µm |

| | |
|---|---|
| **LC1** | LC/PC OM1 62.5µm |
| **LC2** | LC/PC OM2 50µm |
| **LC3** | LC/PC OM3 50µm |
| **LC4** | LC/PC OM4 50µm |
| **SC1** | SC/PC OM1 62.5µm |
| **SC2** | SC/PC OM2 50µm |
| **SC3** | SC/PC OM3 50µm |
| **SC4** | SC/PC OM4 50µm |

# Fiber Deployment Modules – CT-X

MPO configurations are available by special order, if noted. **MPO**

🌐 **gomultilink.com/categories/patch-splice-modules**

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## CT-X Splitter

**SPECS** 📖 Splitters are easily integrated into the cassette, offering 1x4, 1x8, and 1x16 split options.

**Ordering Information**

| | | **Color** | | | |
|---|---|---|---|---|---|
| | | **CL** | Clear | | |

CT-X – SPL – CL – 104 – SCA – SCA

IN / OUT

| Cartridge Terminal System | Splitter (PLC) | | | | |

| **Split** | | **IN / OUT** | **Adapter/Polish, Fiber** |
|---|---|---|---|
| 1x4 | **104** | **LCA** | LC/APC SM 9µm |
| 1x8 | **108** | **LCU** | LC/UPC SM 9µm |
| 1x16* | **116** | **SCA** | SC/APC SM 9µm |
| *LC only | | **SCU** | SC/UPC SM 9µm |
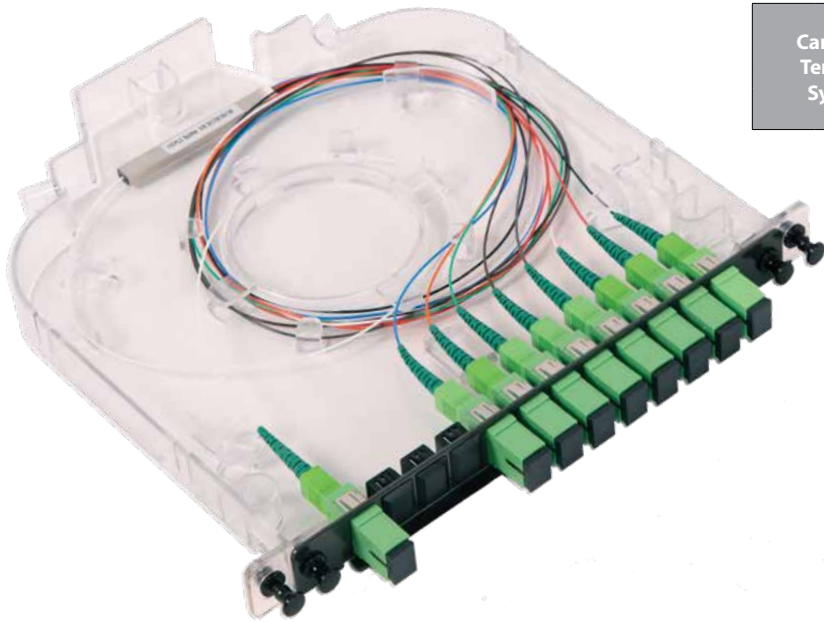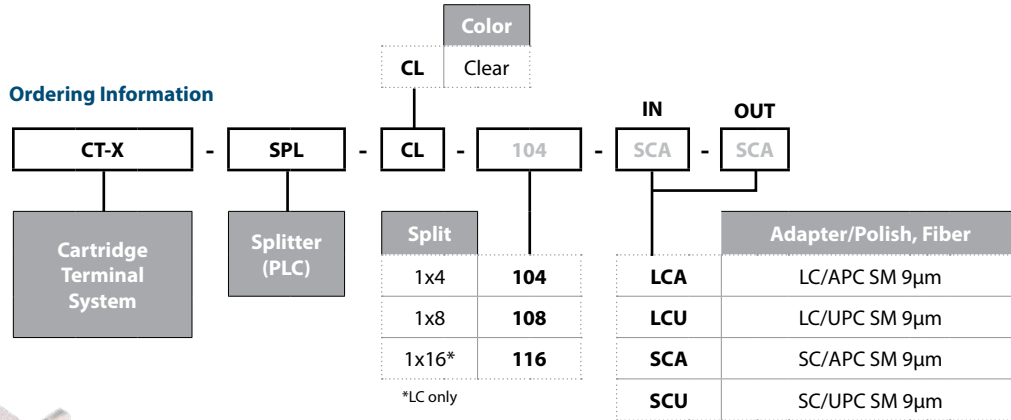
### Splitter Specifications (typical)

**Operating Wavelength (nm)**          1260~1650nm

| | Insertion Loss | Return Loss | Directivity |
|---|---|---|---|
| **1x4** | ≤7.4 dB | | |
| **1x8** | ≤10.3 dB | ≥55 dB | ≥55 dB |
| **1x16** | ≤13.8 dB | | |

# Fiber Deployment Modules – CT-X

MPO configurations are available by special order, if noted. **MPO**

🌐 **gomultilink.com/products/ftm**

**Pigtail Version**

## Fiber Termination Modules / FTMs

**SPECS** FTM Modules are designed to fit in rack mount enclosures to offer patch, plug-and-play and splice options.

**MPO**

**MTP Version**

**Splice Version**

### Ordering Information

FTM - _____ - _____ - _____

| Fiber Termination Module | Number of Adapters | Front Adapter Type | Fiber Type | Back Adapter Type |
|---|---|---|---|---|
| | **06*** | **SC/UPC** | SM, 9/125µm | **P*** — **Pigtail Version** Includes * length in meters of OFNR Distribution Jacketed Fiber type per adapter type. |
| | **12** | **SC/APC** | SM, 9/125µm | |
| | **24**** | **LC/UPC** | SM, 9/125µm | |
| | *SC Only | | | **M1 or M2** — **MTP Version** Includes 1 or 2 MTP adapters in back connected to adapters in front with fiber type per adapter type. M1=1-12 Adapters    M2=13-24 Adapters |
| | **LC Only | **SC/PC50** | MM, 50/125µm (OM2) | |
| | | **SC/PC62** | MM, 62.5/125µm (OM1) | |
| | | **SC/PCLO** | MM, 50/125µm (OM3) Laser Optimized | **S1** — **Splice Version** Includes 1 meter of color coded 900µm fiber connected to adapters in front with fiber type per adapter type. |
| | | **LC/PC50** | MM, 50/125µm (OM2) | |
| | | **LC/PC62** | MM, 62.5/125µm (OM1) | **SR1** — **Ribbon Splice Version** Includes 1 meter of color coded Ribbon fiber connected to adapters in front with fiber type per adapter. |
| | | **LC/PCLO** | MM, 50/125µm (OM3) Laser Optimized | |

# Coupler/Splitter Modules

Fiber optic splitters are becoming more and more common in today's network design and fiber buildouts. Multilink's line of splitters are available for rack mount, LGX, cassette and small form PLC configurations. Each splitter is terminated and quality tested to ensure it falls within the listed specifications. Small form splitters are ideal for use where space is an issue, such as in a terminal where secondary splitting is needed, or choose a rack mount splitter in a head end or central office. **With so many options available, we have included a configurator below to customize the ideal splitter for your application.**

» PLC Telcordia compliant GR1221
» Low Insertion Loss (IL) and Low PDL

🌐 **gomultilink.com/categories/splitters**

### PLC Small Form Splitters

**SPECS** 📖 **Small Form**

**SPECS** 📖 **Cassette**

**Ordering Information**

ML - ☐ - ___ X ___ - ___ / ___ - ☐(IN)-☐(OUT) - ☐

| **Style** | **Configuration** | **Adapter Type Input / Output** | Length in Meters | Length in Meters | **Fiber Style** |
|---|---|---|---|---|---|
| **S** - Small Form <br> **C** - Cassette | 01 x 04 <br> 01 x 08 <br> 01 x 16 <br> 01 x 32 | LCA   LC/APC <br> LCU   LC/UPC <br> SCA   SC/APC <br> SCU   SC/UPC <br> PL    Pigtail | | | **9** - 900μm <br> **2** - 2 mm* <br> **3** - 3 mm* |
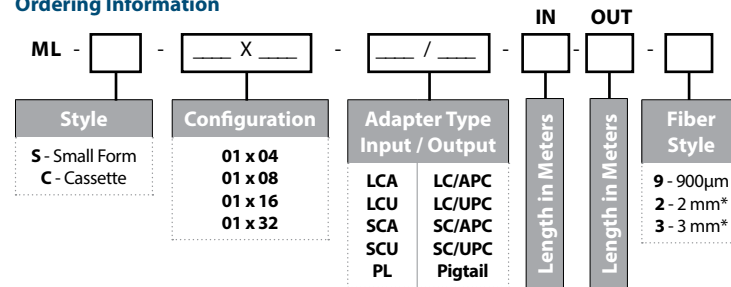
**\*Note:** 2 & 3 mm fiber available only in Cassette style.

### LGX® (Multilink™) & 19" Rack Mounting

**SPECS** 📖 **LGX®**

**SPECS** 📖 **Rack Mounting**

**Ordering Information**

ML - ☐ - ___ X ___ - ___ / ___

| **Style** | **Configuration** | **Adapter Type Input / Output** |
|---|---|---|
| **L** - LGX <br> **R** - Rack | 01 x 04* <br> 01 x 08 <br> 01 x 16 <br> 01 x 32 <br> 02 x 32 | LCA   LC/APC <br> LCU   LC/UPC <br> SCA   SC/APC <br> SCU   SC/UPC |
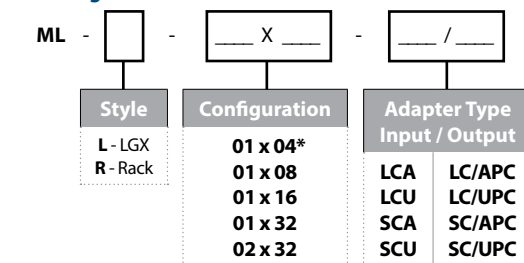
**\*Note:** 1x4 Configuration not available as rack module. All optical splitters available in several custom configurations and packaging options contact customer service for additional information.

## Specifications (typical)

| Parameters | 1 x 4 | 1 x 8 | 1 x 16 | 1 x 32 |
|---|---|---|---|---|
| Operating Wavelength nm | 1260-1650 | | | |
| Insertion Loss Typ. / max. dB | 7.1 / 7.4 | 10.4 / 10.7 | 13.6 / 13.9 | 16.8 / 17.2 |
| Uniformity dB | ≤ 0.8 | ≤ 1.0 | ≤ 1.4 | ≤ 1.6 |
| PDL dB | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 |
| Return Loss dB | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 |
| Directivity dB | ≥ 55 | ≥ 55 | ≥ 55 | ≥ 55 |
| Maximum Input Power mW | 250 | | | |
| Operation Temperature C° | –40 ~ +85 | | | |
| Storage Temperature C° | –40 ~ +85 | | | |
| Small Form Dimensions mm | 4 x 7 x 60 | | 6 x 19 x 100 | |
| Reggeized Cassette Dimensions mm | 8 x 80 x 100 | | 16 x 80 x 136 | 18 x 114 x 140 |
| LGX Module Dimensions mm Standard LC & SC Adapters Compact LC Adapters Only | 129 x 125 x 28 | 129 x 125 x 28 | 129 x 125 x 56 <br> 129 x 125 x 28 | 129 x 125 x 112 <br> 129 x 125 x 56 |
| 19" Rack Mount Dimensions mm (width x depth x height) in (width x depth x height) | N/A | | 431 x 235 x 44 <br> 17 x 9.25 x 1.75 | |

Operating wavelength is design guaranteed. Above test results measured without connectors.

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of this catalog which includes links to spec sheets for noted products [SPECS] and more.

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# Loaded Adapter Panels

gomultilink.com/categories/fiber-distribution-units/adapter-panels

| Stock ID | Model # | Conn. Type | # Of Conn. | Ferrule | Mode | Fiber Polish | Conn. Color | Plate Color | Plate Code |
|---|---|---|---|---|---|---|---|---|---|
| **10-5458** | MST-06-P-BLK | ST | 6 | Phos. Bronze | MM | PC UPC | Chrome | Black | ST6 |
| **10-5457** | MST-06-P-OW | | | | | | | Off White | |
| **99234K** | MST-06-C-BLK | ST | 6 | Ceramic | SM | Any | Chrome | Black | SM6 |
| **99223K** | MST-06-C-OW | | | | | | | Off White | |
| **10-9196** | MST-12-P-BLK | ST | 12 | Phos. Bronze | MM | PC UPC | Chrome | Black | ST12 |
| **10-9195** | MST-12-P-OW | | | | | | | Off White | |
| **10-6065** | MST-12-C-BLK | ST | 12 | Ceramic | SM | Any | Chrome | Black | SM12 |
| **10-6177** | MST-12-C-OW | | | | | | | Off White | |
| **10-5095** | MFC-06-P-BLK | FC | 6 | Phos. Bronze | MM | PC UPC | Chrome | Black | FC |
| **10-8751** | MFC-06-P-OW | | | | | | | Off White | |
| **10-4744** | MFC-06-C-BLK | FC | 6 | Ceramic | SM | Any | Chrome | Black | FU |
| **99218CK** | MFC-06-C-OW | | | | | | | Off White | |
| **065-218-50** | MFC-12-P-BLK | FC | 12 | Phos. Bronze | MM | PC UPC | Chrome | Black | FC |
| **065-218-51** | MFC-12-P-OW | | | | | | | Off White | |
| **065-218-10** | MFC-12-C-BLK | FC | 12 | Ceramic | SM | Any | Chrome | Black | FU |
| **065-218-11** | MFC-12-C-OW | | | | | | | Off White | |
| **065-389-20** | MMTP-06-B-BLK | MTP | 6 | N/A | SM | APC | Black | Black | N/A |
| **065-389-21** | MMTP-06-B-OW | | | | | | | Off White | |
| **065-378-20** | MMTP-08-B-BLK | MTP | 8 | N/A | SM | APC | Black | Black | N/A |
| **065-378-21** | MMTP-08-B-OW | | | | | | | Off White | |
| **065-389-30** | MMTP-06-A-BLK | MTP | 6 | N/A | MM | PC | Aqua | Black | N/A |
| **065-389-31** | MMTP-06-A-OW | | | | | | | Off White | |
| **065-378-30** | MMTP-08-A-BLK | MTP | 8 | N/A | MM | PC | Aqua | Black | N/A |
| **065-378-31** | MMTP-08-A-OW | | | | | | | Off White | |

| Stock ID | Model # | Conn. Type | # Of Conn. | Ferrule | Mode | Fiber Polish | Conn. Color | Plate Color | Plate Code |
|---|---|---|---|---|---|---|---|---|---|
| 10-4810 | MSC-06-SM-C-BLK | SC | 6 | Ceramic | SM | UPC | Blue | Black | SUS |
| 10-6178 | MSC-06-SM-C-OW | | | | | | | Off White | |
| 10-1817 | MSC-12-SM-C-BLK | SC | 12 | Ceramic | SM | UPC | Blue | Black | SUD |
| 10-6181 | MSC-12-SM-C-OW | | | | | | | Off White | |
| 065-478-10 | MSC-06D-SM-C-BLK | SC | 6 | Ceramic | SM | UPC | Blue | Black | SUD |
| 065-478-11 | MSC-06D-SM-C-OW | | | | | | | Off White | |
| 10-4442 | MSCA-06-SM-C-BLK | SC | 6 | Ceramic | SM | APC | Green | Black | SAS |
| 99222K | MSCA-06-SM-C-OW | | | | | | | Off White | |
| 10-5327 | MSCA-12-SM-C-BLK | SC | 12 | Ceramic | SM | APC | Green | Black | SAD |
| 99224K | MSCA-12-SM-C-OW | | | | | | | Off White | |
| 065-479-10 | MSCA-06D-SM-C-BLK | SC | 6 | Ceramic | SM | APC | Green | Black | SAD |
| 065-479-11 | MSCA-06D-SM-C-OW | | | | | | | Off White | |
| 10-9995 | MSC-06-MM-P-BLK | SC | 6 | Phos. Bronze | MM | PC | Beige | Black | SCS |
| 10-9996 | MSC-06-MM-P-OW | | | | | | | Off White | |
| 10-5535 | MSC-12-MM-P-BLK | SC | 12 | Phos. Bronze | MM | PC | Beige | Black | SCD |
| 065-518-10 | MSC-12-MM-P-OW | | | | | | | Off White | |
| 065-477-10 | MSC-06D-MM-P-BLK | SC | 6 | Phos. Bronze | MM | PC | Beige | Black | SCD |
| 065-477-11 | MSC-06D-MM-P-OW | | | | | | | Off White | |
| 065-242-10 | MSCG-6-MM-P-BLK | SC 10 GIG | 6 | Phos. Bronze | MM | PC | Aqua | Black | SGS |
| 065-242-11 | MSCG-6-MM-P-OW | | | | | | | Off White | |

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# Loaded Adapter Panels

🌐 gomultilink.com/categories/fiber-distribution-units/adapter-panels

| | Stock ID | Model # | Conn. Type | # Of Conn. | Ferrule | Mode | Fiber Polish | Conn. Color | Plate Color | Plate Code |
|---|---|---|---|---|---|---|---|---|---|---|
| SPECS | **065-243-10** | MSCG-12-MM-P-BLK | SC 10 GIG | 12 | Phos. Bronze | MM | PC | Aqua | Black | SGD |
| | **065-243-11** | MSCG-12-MM-P-OW | | | | | | | Off White | |
| SPECS | **065-480-10** | MSCG-6D-MM-P-BLK | SC 10 GIG | 6 | Phos. Bronze | MM | PC | Aqua | Black | SGD |
| | **065-480-11** | MSCG-6D-MM-P-OW | | | | | | | Off White | |
| SPECS | **10-9709** | MLCD-12-SM-C-BLK | LC | 12 | Ceramic | SM | UPC | Blue | Black | LCUD |
| | **10-9710** | MLCD-12-SM-C-OW | | | | | | | Off White | |
| SPECS | **065-244-10** | MLCQ-24-SM-C-BLK | LC | 24 | Ceramic | SM | UPC | Blue | Black | LCUQ |
| | **065-244-11** | MLCQ-24-SM-C-OW | | | | | | | Off White | |
| SPECS | **10-9123** | MLCDA-12-SM-C-BLK | LC | 12 | Ceramic | SM | APC | Green | Black | LCAD |
| | **065-508-10** | MLCDA-12-SM-C-OW | | | | | | | Off White | |
| SPECS | **065-420-10** | MLCQA-24-SM-C-BLK | LC | 24 | Ceramic | SM | APC | Green | Black | LCAQ |
| | **065-420-11** | MLCQA-24-SM-C-OW | | | | | | | Off White | |
| SPECS | **10-3626** | MLCD-12-MM-P-BLK | LC | 12 | Phos. Bronze | MM | PC | Beige | Black | LCPD |
| | **10-3627** | MLCD-12-MM-P-OW | | | | | | | Off White | |
| SPECS | **065-225-10** | MLCQ-24-MM-P-BLK | LC | 24 | Phos. Bronze | MM | PC | Beige | Black | LCPQ |
| | **065-225-11** | MLCQ-24-MM-P-OW | | | | | | | Off White | |
| SPECS | **065-245-10** | MLCDG-12-MM-P-BLK | LC 10 GIG | 12 | Phos. Bronze | MM | PC | Aqua | Black | LCGD |
| | **065-245-11** | MLCDG-12-MM-P-OW | | | | | | | Off White | |
| SPECS | **065-246-10** | MLCQG-24-MM-P-BLK | LC 10 GIG | 24 | Phos. Bronze | MM | PC | Aqua | Black | LCGQ |
| | **065-246-11** | MLCQG-24-MM-P-OW | | | | | | | Off White | |

# Blank Adapter Panels

| | A | B | C | D | E |
|---|---|---|---|---|---|

| | Stock ID | Description |
|---|---|---|
| A | **065-387-10** | SC Simplex Panel Plug |
| B | **065-388-10** | SC Duplex Panel Plug |
| C | **065-765-10** | SC Simplex Panel Plug (Flangeless) |
| D | **065-766-10** | LC Duplex Panel Plug |
| E | **065-767-10** | ST Panel Plug |

| Stock ID | Model # | Conn. Type | # Of Conn. | Plate Color |
|---|---|---|---|---|
| **10-6061** | MSCB-06-BB-BLK | SC | 6 | Black |
| **10-6063** | MSCB-06-BB-OW | | | Off White |
| **065-390-10** | MSCG-12-MM-P-BLK | SC Duplex or LC Quad | 3 | Black |
| **065-390-11** | MSCG-12-MM-P-OW | | | Off White |
| **10-5534** | MSCBH-03-NB-BLK | SC Duplex or LC Quad | 6 | Black |
| **10-8187** | MSCBH-03-NB-OW | | | Off White |
| **10-5455** | MSTA-03-BB-BLK | ST | 6 | Black |
| **10-5450** | MSTA-03-BB-OW | | | Off White |
| **10-9188** | MSTA-12-BB-BLK | ST | 12 | Black |
| **10-9189** | MSTA-12-BB-OW | | | Off White |
| **10-4610** | MLCD-03-NB-BLK | LC Duplex | 6 | Black |
| **10-4609** | MLCD-03-NB-OW | | | Off White |

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# Blank Adapter Panels

🌐 **gomultilink.com/categories/fiber-distribution-units/adapter-panels**

| | Stock ID | Model # | Conn. Type | # Of Conn. | Plate Color |
|---|---|---|---|---|---|
| SPECS | **10-8750** | MFCB-03-DB-BLK | FC | 6 | Black |
| | **10-8752** | MFCB-03-DB-OW | | | Off White |
| SPECS | **065-227-10** | MFCB-12-DB-BLK | FC | 12 | Black |
| | **065-227-11** | MFCB-12-DB-OW | | | Off White |
| SPECS | **065-354-10** | MKJB-04-NB-BLK | Keystone | 4 | Black |
| | **065-354-11** | MKJB-04-NB-OW | | | Off White |
| SPECS | **065-862-10** | MKJB-06-NB-BLK | Keystone | 6 | Black |
| SPECS | **065-389-10** | MTP-06-BK | LC | 6 | Black |
| | **065-389-11** | MTP-06-OW | | | Off White |
| SPECS | **065-378-10** | MTP-08-BK | MTP | 8 | Black |
| | **065-378-11** | MTP-08-OW | | | Off White |
| SPECS | **10-7666** | MFMB-600BB-BLK | - | 0 | Black |
| | **10-7668** | MFMB-600BB-OW | | | Off White |

| Stock ID | Type | Fiber Polish | Mode | Sleeve Material | Color | Foot Print |
|---|---|---|---|---|---|---|
| 99306 | ST | Any | MM | Phos. Bronze | Chrome | Any |
| 99307 | ST | | SM | Ceramic | | |
| 99309 | FC | Any | MM | Phos. Bronze | Chrome | FC |
| 99310 | FC | | SM | Ceramic | | |
| 10-1688 | MTRJ | PC | MM or SM | N/A | Black | MTRJ |
| 99304 | SC Simplex | UPC | SM | Ceramic | Blue | SC Simplex |
| 10-5513 | SC Duplex | UPC | SM | Ceramic | Blue | SC Duplex |
| 10-3642 | SC Simplex | APC | SM | Ceramic | Green | SC Simplex |

| Stock ID | Type | Fiber Polish | Mode | Sleeve Material | Color | Foot Print |
|---|---|---|---|---|---|---|
| 10-5378 | SC Duplex | APC | SM | Ceramic | Green | SC Duplex |
| 10-5382 | SC Simplex | PC | MM | Phos. Bronze | Beige | SC Simplex |
| 99302 | SC Simplex 10 GIG | PC | MM | Phos. Bronze | Aqua | SC Simplex |
| 065-236-10 | SC Simplex 10 GIG | MTP | MM | Phos. Bronze | Aqua | SC Simplex |
| 065-237-10 | SC Duplex 10 GIG | PC | MM | Phos. Bronze | Aqua | SC Duplex |

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# Fiber Optic Adapters

🌐 gomultilink.com/categories/fiber-connectivity/adapters

| Stock ID | Type | Fiber Polish | Mode | Sleeve Material | Color | Foot Print |
|---|---|---|---|---|---|---|
| 10-4605 | LC Duplex | UPC | SM | Ceramic | Blue | LC Duplex |
| 065-607-10 | LC Duplex | UPC | SM | Ceramic | Blue | SC Simplex |
| 065-239-10 | LC Quad | UPC | SM | Ceramic | Blue | SC Duplex |
| 065-414-10 | LC Duplex | APC | SM | Ceramic | Green | LC Duplex |
| 065-597-10 | LC Duplex | APC | SM | Ceramic | Green | SC Simplex |
| 065-419-10 | LC Quad | APC | SM | Ceramic | Green | SC Duplex |
| 10-9711 | LC Duplex | PC | MM | Phos. Bronze | Beige | LC Duplex |

| Stock ID | Type | Fiber Polish | Mode | Sleeve Material | Color | Foot Print |
|---|---|---|---|---|---|---|
| 065-204-10 | LC Duplex | PC | MM | Phos. Bronze | Beige | SC Simplex |
| 065-238-10 | LC Quad | PC | MM | Phos. Bronze | Beige | SC Duplex |
| 065-240-10 | LC Duplex 10 GIG | PC | MM | Phos. Bronze | Aqua | SC Simplex |
| 065-241-10 | LC Quad 10 GIG | PC | MM | Phos. Bronze | Aqua | SC Duplex |
| 065-146-10 | MTP | APC | SM | N/A | Black | MTP |
| 065-146-20 | MTP | PC | MM | N/A | Aqua | MTP |

# Fiber Assemblies

Multilink's in-house fiber shop allows us to configure a wide array of fiber optic assemblies with minimal lead times. Options include jumpers, pigtails and drop cables with standard connectors and adapters (SC, LC, ST, IP) and a host of other choices. Our online interactive fiber assembly configurator offers a hands-on approach to help you design your ideal assembly. Included with every assembly is an insertion loss test result so you know how your assembly will perform. Whether you're using them for indoor or outdoor applications, all our assemblies are built using bend-insensitive fiber, end-face geometry testing and strict ISO 9000 quality management standards.

» Minimal lead times
» Extensive customization options
» Terminated to meet or exceed Telcordia standards
» Indoor and outdoor applications

🌐 **gomultilink.com/categories/fiber-optic-assembly**
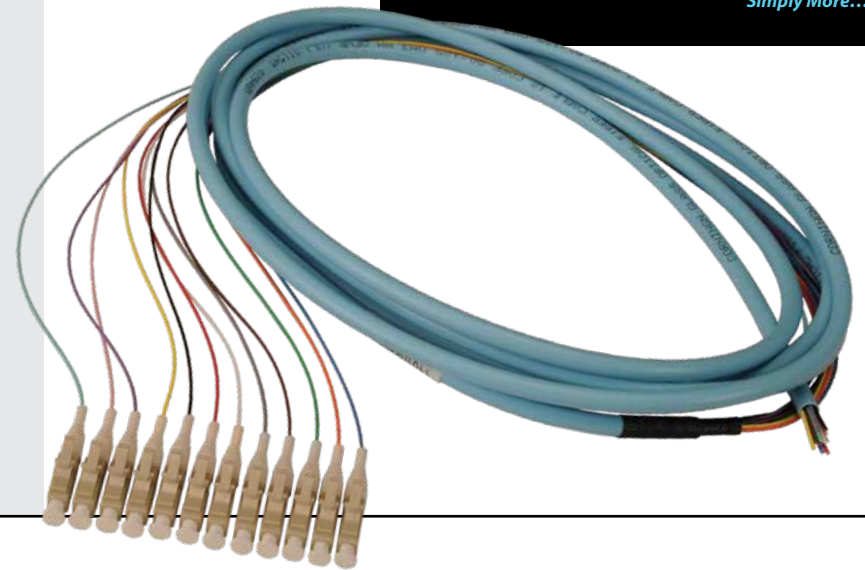
## CUSTOM ASSEMBLIES | FAST TURN AROUND | QUALITY TESTED

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of this catalog which includes links to spec sheets for noted products 📖 and more.
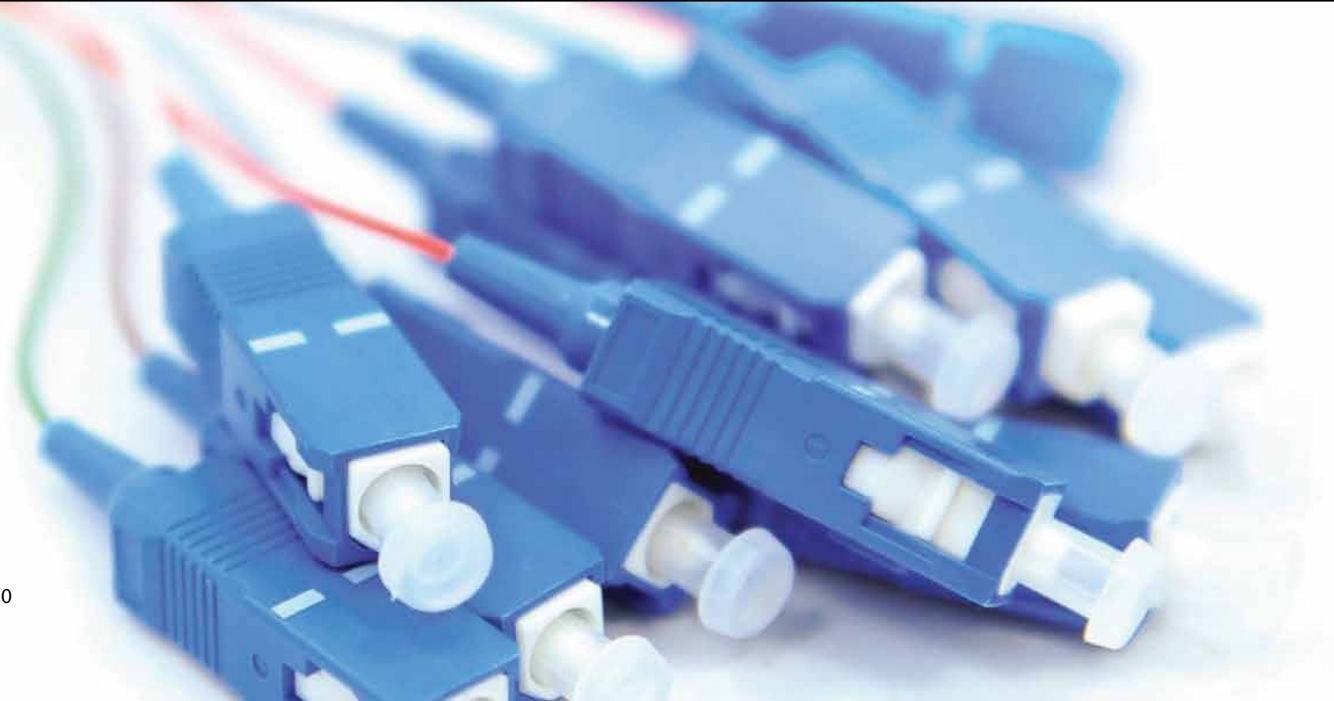
## Online Fiber Configurator

🌐 gomultilink.com/fiber-configurator/

## Product Configurators: The More Accessible, the Better
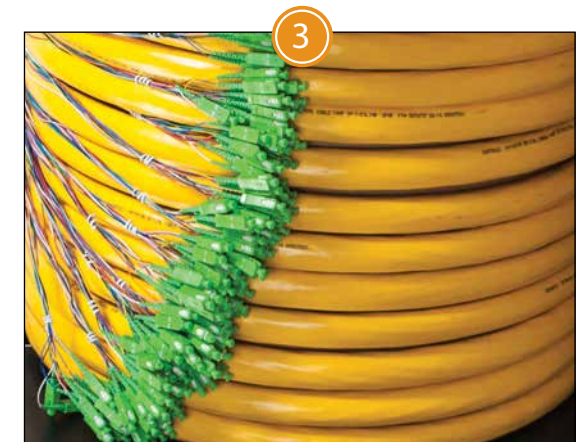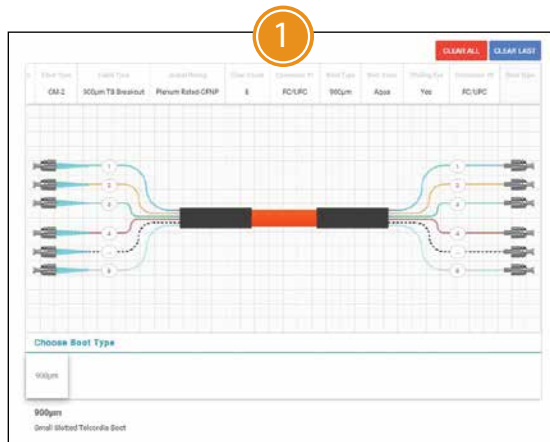






Configurators are powerful tools that allow businesses to communicate with customers to create custom-tailored products that fulfill requirements. Gone are the days of complex order forms, tiny mistakes and long processing times; now, companies with a strong web presence allow consumers to select options directly.

The rise in online visualization technologies is directly tied to the increasing presence of configurators that eliminate user error. As web design has improved, well-crafted websites –

even corporate ones – have been built with user experience in mind, so that anyone can learn their way around them without issue. To cut down on mistakes and frustration, the tools housed on these websites need to be similarly approachable.

That's the philosophy Multilink had in mind when we created our online interactive fiber assembly configurator. This handy tool allows customers to personalize their fiber assemblies, allowing them to select everything from major components

such as fiber and connectors all the way down to details such as boot type and color.

The configurator has a number of handy features to make the process as smooth as possible. It illustrates a picture of what your assembly will look like as you're building it, allowing you to visualize the finished product. Additionally, the configurator is responsive – no matter what combination of components you choose, the configurator will only present you with possible options.

MPO configurations are available by special order, if noted. (MPO)

For GSA / Buy American Compliant Pigtails Please Add (-ML) To The End Of Your Stock ID  ex: 10-6415-ML

🌐 **gomultilink.com/categories/fiber-optic-assembly/pigtails**

**Multilink®** Simply More…

## Single Mode (OS1) 9/125/900μm

| Stock ID | Connector/Polish | # of Fibers | Overall Length (m) |
|---|---|---|---|
| **Spiral Wrapped** | | | |
| **10-6415** | SC/UPC | 6 | 3 |
| **10-6416** | SC/UPC | 12 | 3 |
| **10-6417** | SC/APC | 6 | 3 |
| **10-6418** | SC/APC | 12 | 3 |
| **065-089-10** | ST/UPC | 6 | 3 |
| **065-090-10** | ST/UPC | 12 | 3 |
| **065-808-10** | LC/UPC | 6 | 3 |
| **065-180-10** | LC/UPC | 12 | 3 |
| **10-8703** | FC/UPC | 6 | 3 |
| **065-365-10** | FC/UPC | 12 | 3 |
| **065-810-10** | LC/APC | 6 | 3 |
| | | 12 | 3 |
| **OFNR (Yellow)** | | | |
| **065-370-10** | SC/UPC | 6 | 3 |
| **065-371-10** | SC/UPC | 12 | 3 |
| **065-394-10** | SC/APC | 6 | 3 |
| **065-395-10** | SC/APC | 12 | 3 |
| **065-374-10** | ST/UPC | 6 | 3 |
| **065-375-10** | ST/UPC | 12 | 3 |
| **065-809-10** | LC/UPC | 6 | 3 |
| **065-396-10** | LC/UPC | 12 | 3 |
| **065-811-10** | LC/APC | 6 | 3 |
| **065-437-10** | LC/APC | 12 | 3 |

### Single Mode Ribbon

| Stock ID | Connector/Polish | # of Fibers | Overall Length (m) |
|---|---|---|---|
| **OFNR (Yellow)** | | | |
| **065-282-10** | SC/UPC | 12 | 3 |
| **065-523-10** | SC/APC | 12 | 3 |
| **065-561-10** | LC/UPC | 12 | 3 |
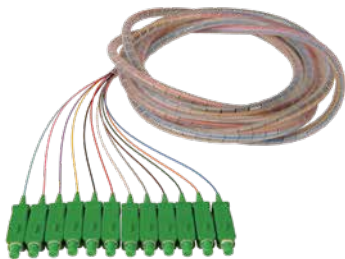
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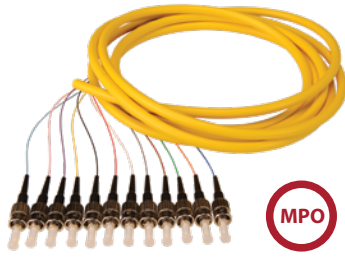
**Stock ID Shown:** 065-375-10

## Multi Mode (OM1) 62.5/125/900μm

| Stock ID | Connector/Polish | # of Fibers | Overall Length (m) |
|---|---|---|---|
| **Spiral Wrapped** | | | |
| **065-055-10** | SC/PC | 6 | 3 |
| **065-228-10** | SC/PC | 12 | 3 |
| **065-056-10** | ST/PC | 6 | 3 |
| **065-101-10** | ST/PC | 12 | 3 |
| **065-812-10** | LC/PC | 6 | 3 |
| **065-179-10** | LC/PC | 12 | 3 |
| **065-178-10** | FC/PC | 6 | 3 |
| **OFNR (Orange)** | | | |
| **065-372-10** | SC/PC | 6 | 3 |
| **065-373-10** | SC/PC | 12 | 3 |
| **065-376-10** | ST/PC | 6 | 3 |
| **065-377-10** | ST/PC | 12 | 3 |
| **065-813-10** | LC/PC | 6 | 3 |
| **065-397-10** | LC/PC | 12 | 3 |

## Multi Mode (OM3) 50/125/900μm

| Stock ID | Connector/Polish | # of Fibers | Overall Length (m) |
|---|---|---|---|
| **OFNR (Aqua)** | | | |
| **065-439-10** | SC/PC | 6 | 3 |
| **065-438-10** | SC/PC | 12 | 3 |
| **065-494-10** | ST/PC | 12 | 3 |
| **065-815-10** | LC/PC | 6 | 3 |
| **065-487-10** | LC/PC | 12 | 3 |
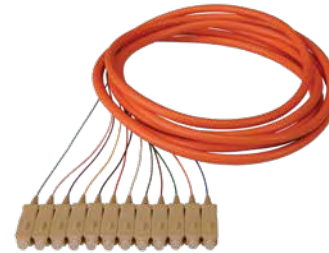
**Stock ID Shown:** 065-373-10

**Stock ID Shown:** 065-487-10

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## UPC / Simplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6310 | ST/UPC | ST/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6311 | ST/UPC | ST/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6312 | ST/UPC | ST/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6313 | ST/UPC | ST/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6314 | ST/UPC | ST/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |
| 10-6315 | SC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6316 | SC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6317 | SC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6318 | SC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6319 | SC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |
| 10-6320 | LC/UPC | LC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6321 | LC/UPC | LC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6322 | LC/UPC | LC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6323 | LC/UPC | LC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6324 | LC/UPC | LC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |
| 10-6325 | FC/UPC | FC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6326 | FC/UPC | FC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6327 | FC/UPC | FC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6328 | FC/UPC | FC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6329 | FC/UPC | FC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |

## APC / Simplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6400 | FC/APC | FC/APC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6401 | FC/APC | FC/APC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6402 | FC/APC | FC/APC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6403 | FC/APC | FC/APC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6404 | FC/APC | FC/APC | 9/125µm | 2.9-3.0mm | Yellow | 10 |
| 10-6405 | SC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6406 | SC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6407 | SC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6408 | SC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6409 | SC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 10 |

# Single Mode Duplex Jumpers

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## UPC / Duplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6330 | ST/UPC | ST/UPC | 9/125μm | 2.9-3.0mm | Yellow | 1 |
| 10-6331 | ST/UPC | ST/UPC | 9/125μm | 2.9-3.0mm | Yellow | 2 |
| 10-6332 | ST/UPC | ST/UPC | 9/125μm | 2.9-3.0mm | Yellow | 3 |
| 10-6333 | ST/UPC | ST/UPC | 9/125μm | 2.9-3.0mm | Yellow | 5 |
| 10-6334 | ST/UPC | ST/UPC | 9/125μm | 2.9-3.0mm | Yellow | 10 |
| 10-6335 | SC/UPC | SC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 1 |
| 10-6336 | SC/UPC | SC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 2 |
| 10-6337 | SC/UPC | SC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 3 |
| 10-6338 | SC/UPC | SC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 5 |
| 10-6339 | SC/UPC | SC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 10 |
| 10-6340 | LC/UPC | LC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 1 |
| 10-6341 | LC/UPC | LC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 2 |
| 10-6342 | LC/UPC | LC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 3 |
| 10-6343 | LC/UPC | LC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 5 |
| 10-6344 | LC/UPC | LC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 10 |
| 10-6345 | FC/UPC | FC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 1 |
| 10-6346 | FC/UPC | FC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 2 |
| 10-6347 | FC/UPC | FC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 3 |
| 10-6348 | FC/UPC | FC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 5 |
| 10-6349 | FC/UPC | FC/UPC | 9/125μm | 2.9-3.0mm | Yellow | 10 |

## APC / Duplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 065-529-10 | SC/APC | SC/APC | 9/125μm | 2.9-3.0mm | Yellow | 1 |
| 065-527-10 | SC/APC | SC/APC | 9/125μm | 2.9-3.0mm | Yellow | 2 |
| 065-489-10 | SC/APC | SC/APC | 9/125μm | 2.9-3.0mm | Yellow | 3 |
| 065-534-10 | SC/APC | SC/APC | 9/125μm | 2.9-3.0mm | Yellow | 5 |
| 065-512-10 | SC/APC | SC/APC | 9/125μm | 2.9-3.0mm | Yellow | 10 |

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## UPC / Simplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6380 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6381 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6382 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6383 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6384 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |
| 10-6385 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6386 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6387 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6388 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6389 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |

## UPC / Duplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6390 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6391 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6392 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6393 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6394 | ST/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |
| 10-6395 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6396 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6397 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6398 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6399 | LC/UPC | SC/UPC | 9/125µm | 2.9-3.0mm | Yellow | 10 |

## APC / Simplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6410 | FC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 1 |
| 10-6411 | FC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 2 |
| 10-6412 | FC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 3 |
| 10-6413 | FC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 5 |
| 10-6414 | FC/APC | SC/APC | 9/125µm | 2.9-3.0mm | Yellow | 10 |

# Multi Mode Simplex Jumpers

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## 50/125μm

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6266 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6267 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6268 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6269 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6270 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6271 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6272 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6273 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6274 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6275 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6276 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6277 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 10 |

## 62.5/125μm

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6241 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6242 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 2 |
| 10-6243 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6244 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6245 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6246 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6247 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 2 |
| 10-6248 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6249 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6250 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6251 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6252 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 2 |
| 10-6253 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6254 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6255 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 10 |

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## 50/125μm

| STOCK ID | #1 CONNECTOR | #2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6194 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6195 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6196 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6197 | ST | ST | 50/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6198 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6199 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6200 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6201 | SC | SC | 50/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6202 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6203 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6204 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6205 | LC | LC | 50/125μm | 2.9-3.0mm | Orange | 10 |

## 62.5/125μm

| STOCK ID | #1 CONNECTOR | #2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6278 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6279 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 2 |
| 10-6280 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6281 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6282 | ST | ST | 62.5/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6283 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6284 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 2 |
| 10-6285 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6286 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6287 | SC | SC | 62.5/125μm | 2.9-3.0mm | Orange | 10 |
| 10-6288 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 1 |
| 10-6289 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 2 |
| 10-6290 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 3 |
| 10-6291 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 5 |
| 10-6292 | LC | LC | 62.5/125μm | 2.9-3.0mm | Orange | 10 |

# Multi Mode Hybrid Jumpers

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## Simplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6256 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 1 |
| 10-6257 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 2 |
| 10-6258 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 3 |
| 10-6259 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 5 |
| 10-6260 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 10 |
| 10-6261 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 1 |
| 10-6262 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 2 |
| 10-6263 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 3 |
| 10-6264 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 5 |
| 10-6265 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 10 |

## Duplex

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6184 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 1 |
| 10-6185 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 2 |
| 10-6186 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 3 |
| 10-6187 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 5 |
| 10-6188 | ST | SC | 62.5/125µm | 2.9-3.0mm | Orange | 10 |
| 10-6189 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 1 |
| 10-6190 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 2 |
| 10-6191 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 3 |
| 10-6192 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 5 |
| 10-6193 | SC | LC | 62.5/125µm | 2.9-3.0mm | Orange | 10 |
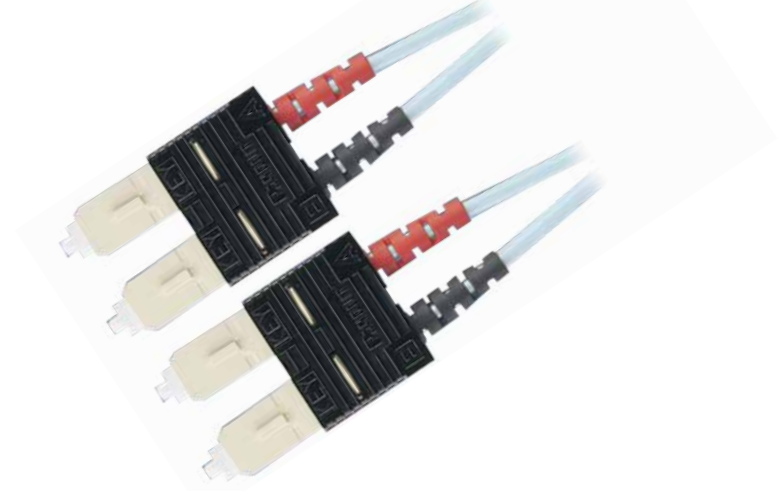
## 10Gig Fiber Jumper

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### 50/125µm

| STOCK ID | # 1 CONNECTOR | # 2 CONNECTOR | CABLE CORE/CLAD | CABLE JACKET | CABLE COLOR | LENGTH (M) |
|---|---|---|---|---|---|---|
| 10-6229 | SC | SC | 50/125µm | 3.0mm | Aqua | 1 |
| 10-6230 | SC | SC | 50/125µm | 3.0mm | Aqua | 2 |
| 10-6231 | SC | SC | 50/125µm | 3.0mm | Aqua | 3 |
| 10-6232 | SC | SC | 50/125µm | 3.0mm | Aqua | 5 |
| 10-6237 | LC | LC | 50/125µm | 3.0mm | Aqua | 1 |
| 10-6238 | LC | LC | 50/125µm | 3.0mm | Aqua | 2 |
| 10-6239 | LC | LC | 50/125µm | 3.0mm | Aqua | 3 |
| 10-6240 | LC | LC | 50/125µm | 3.0mm | Aqua | 5 |

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of this catalog which includes links to spec sheets for noted products 📘 and more.

# Node Assembly

gomultilink.com/categories/fiber-optic-assembly/node-assembly
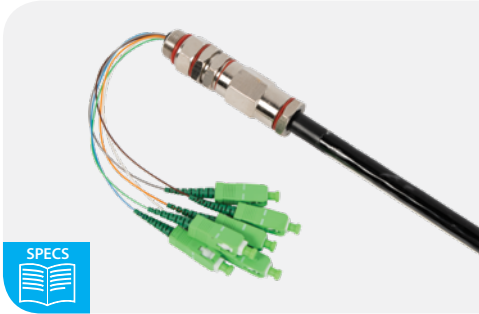
## Node Assembly

| STOCK ID | DESCRIPTION | LENGTH |
|---|---|---|
| 066-742-10-ML | 6 Fiber SC/APC OSP | 100 ft. |
| 066-074-10-ML | 6 Fiber SC/APC OSP Armored | 100 ft. |
| 066-098-20-ML | 6 Fiber SC/APC OSP Armored | 200 ft. |
| 066-883-10-ML | 8 Fiber SC/APC OSP | 100 ft. |
| 066-658-070-ML | 12 Fiber LC/UPC OSP Armored | 100 ft. |

*This is just a sampling of our node assemblies, many others are available. Contact us at 440.366.6966 for more information.

# MicroDuct™ Fiber Optic Duct

Our MicroDuct™ Fiber Optic Ducts protect your sensitive fiber optic cables with a rigid PVC exterior that can take any corner without damaging or bending. With a flexural strength of 11,000 psi, a bend radius of six inches and a high impact strength rating, Multilink's MicroDuct™ is ideal for in-ground use. Features include Super Slic™ lining, optional tracer wire, printed footage markings and various different fiber counts.

» Super Slic™ permanent lining makes pushing and pulling fiber easy
» Printed Sequential Footage
» Chemical and weather resistance, high impact strength rating
» No lubricant needed
» Lowest coefficient of friction
» Riser applications for interior use

🌐 **gomultilink.com/categories/fiber-optic-duct**

Available with custom printing.
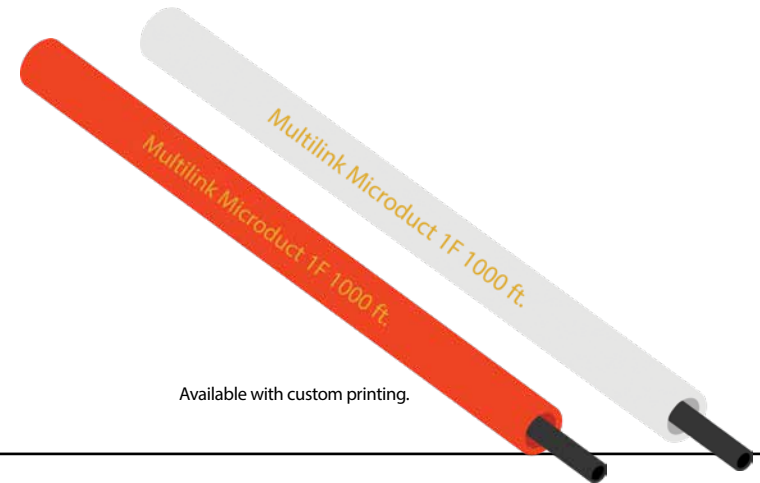
## EASILY PUSH & PULL FIBER | WEATHER RESISTANT | CHEMICAL RESISTANT

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of this catalog which includes links to spec sheets for noted products 📘 and more.

# MicroDuct™ Fiber Optic Duct

🌐 gomultilink.com/categories/fiber-optic-duct

## MicroDuct™

| STOCK ID | DESCRIPTION | INNER DIAMETER | OUTER DIAMETER | TRACER | FIBER COUNT | FIBER TYPE | COLOR | LENGTH |
|---|---|---|---|---|---|---|---|---|
| **Super Slic Plus MicroDuct™** | | | | | | | | |
| **039-672-10** | Rigid Flexible PVC MicroDuct™, w/o Tracer | .48" | .63" | No | N/A | N/A | Orange | 1,000 ft |
| **039-673-10** | Rigid Flexible PVC MicroDuct™, w/ Tracer | .48" | .63" | Yes | N/A | N/A | Orange | 1,000 ft |
| **039-674-10** | Rigid Flexible PVC MicroDuct™, w/ Tracer | .48" | .63" | No | N/A | N/A | White | 1,000 ft |
| **039-675-10** | Rigid Flexible PVC MicroDuct™, w/o Tracer | .48" | .63" | Yes | N/A | N/A | White | 1,000 ft |
| **039-666-10** | Rigid Flexible PVC MicroDuct™, w/o Tracer | .22" | .38" | No | N/A | N/A | Orange | 1,000 ft |
| **039-667-10** | Rigid Flexible PVC MicroDuct™, w/ Tracer | .22" | .38" | No | N/A | N/A | Orange | 1,000 ft |
| **039-663-10** | Rigid Flexible PVC MicroDuct™, w/o Tracer | .22" | .38" | No | N/A | N/A | White | 1,000 ft |
| **039-663-20** | Rigid Flexible PVC MicroDuct™, w/ Tracer | .22" | .38" | Yes | N/A | N/A | White | 1,000 ft |
| **039-668-10** | Rigid Flexible PVC MicroDuct™, w/o Tracer | .40" | .55" | No | N/A | N/A | Orange | 1,000 ft |
| **039-669-10** | Rigid Flexible PVC MicroDuct™, w/ Tracer | .40" | .55" | No | N/A | N/A | Orange | 1,000 ft |
| **039-670-10** | Rigid Flexible PVC MicroDuct™, w/o Tracer | .40" | .55" | No | N/A | N/A | White | 1,000 ft |
| **039-671-10** | Rigid Flexible PVC MicroDuct™, w/ Tracer | .40" | .55" | Yes | N/A | N/A | White | 1,000 ft |

**NOTE:** Also available with pull tape.

## MicroDuct™

| STOCK ID | DESCRIPTION | INNER DIAMETER | OUTER DIAMETER | TRACER | FIBER COUNT | FIBER TYPE | COLOR | LENGTH |
|---|---|---|---|---|---|---|---|---|
| **Super Slic Plus MicroDuct™** | | | | | | | | |
| 066-604-01 | Rigid Flexible PVC, 1 Fiber SpeedFlex™, w/o Tracer | .22" | .38" | No | 1 | SpeedFlex™ | Orange | 1,000 ft |
| 066-605-01 | Rigid Flexible PVC, 1 Fiber SpeedFlex™, w/ Tracer | .22" | .38" | Yes | 1 | SpeedFlex™ | Orange | 1,000 ft |
| 066-604-02 | Rigid Flexible PVC, 2 Fiber SpeedFlex™, w/o Tracer | .22" | .38" | No | 2 | SpeedFlex™ | Orange | 1,000 ft |
| 066-605-02 | Rigid Flexible PVC, 2 Fiber SpeedFlex™, w/ Tracer | .22" | .38" | Yes | 2 | SpeedFlex™ | Orange | 1,000 ft |
| 066-713-31 | Rigid Flexible PVC, 1 Fiber SpeedFlex™, w/ Tracer | .22" | .38" | Yes | 1 | SpeedFlex™ | White | 1,000 ft |
| 066-520-41 | Rigid Flexible PVC, 1 Fiber SpeedFlex™, w/o Tracer | .22" | .38" | No | 1 | SpeedFlex™ | White | 1,000 ft |
| 066-713-32 | Rigid Flexible PVC, 2 Fiber SpeedFlex™, w Tracer | .22" | .38" | Yes | 2 | SpeedFlex™ | White | 1,000 ft |
| 066-520-32 | Rigid Flexible PVC, 2 Fiber SpeedFlex™ w/o Tracer | .22" | .38" | No | 2 | SpeedFlex™ | White | 1,000 ft |

## Micro Duct Accessories

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL |
|---|---|---|---|
| 085-158-10 | Duct Cutters | | Body - Plastic, Blade - Stainless Steel |
| 039-662-20 | MicroDuct™ Coupler | Inner Diameter: .375" | Plastic |

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# Mass Distribution Points

Cabinets are critical network components that are often overlooked. Cabinets can be considered an extension of your head-end or central office or even a miniature hub site. With that in mind, Multilink's line of cabinets are engineered to withstand many different environments and levels of abuse. They are fabricated and powder coated at our campus located in Ohio. Our cabinets are designed for a variety of applications and climates and feature options such as air conditioning, tamper switches and heat exchangers so you can be sure your equipment will be safe in a Multilink cabinet.

## FDH Cabinets

## Rack Rail Cabinets/ Wi-fi Back Haul
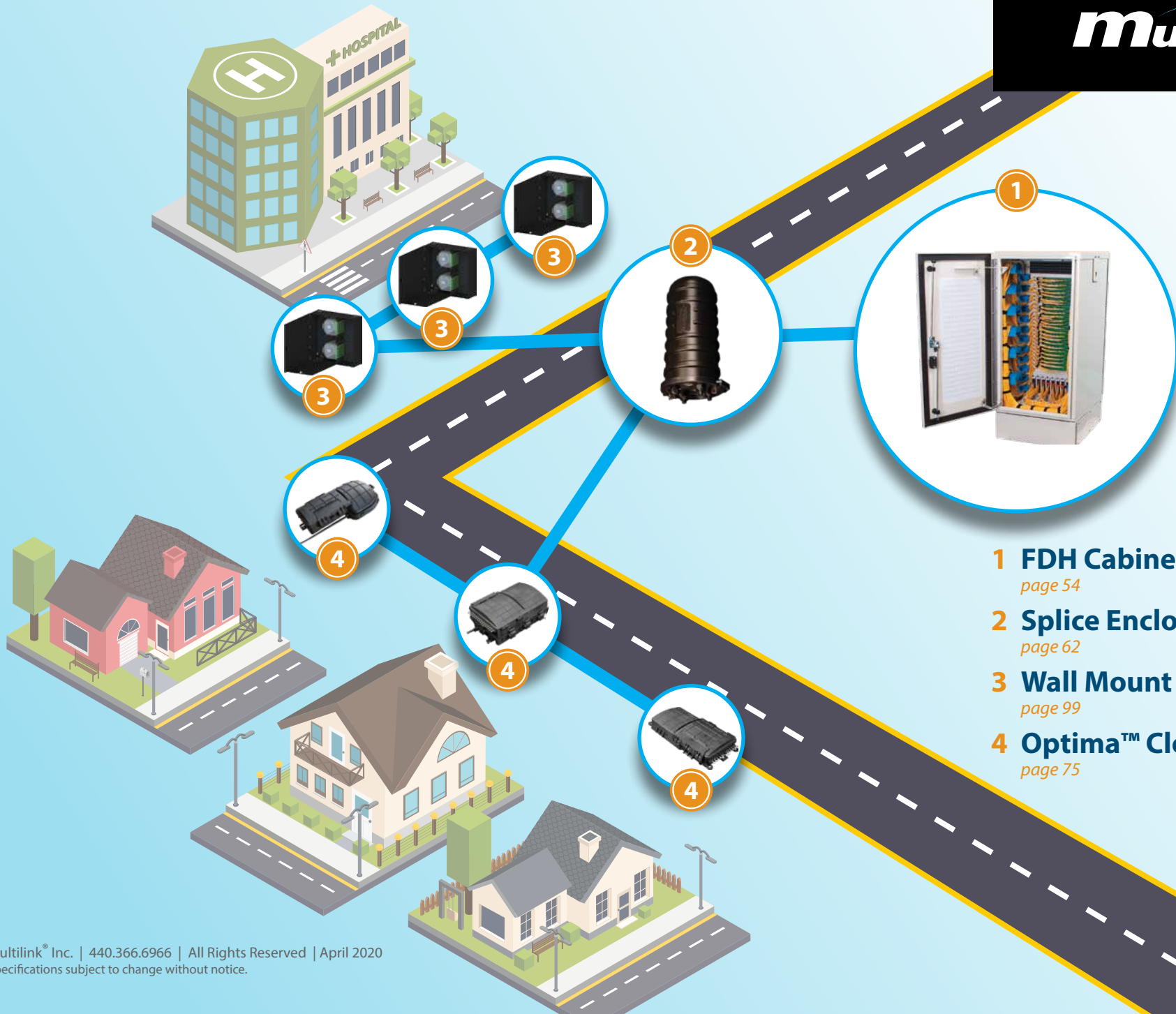
**1** **FDH Cabinet**
*page 54*

**2** **Splice Enclosure**
*page 62*

**3** **Wall Mount Enclosure**
*page 99*

**4** **Optima™ Closure**
*page 75*

## Fiber Distribution Hub (FDH)

Multilink's Fiber Distribution Hubs are engineered for excellent fiber management and intuitively designed for cross-connect configurations, configurable splitting and plug-and-play technologies. Our line of FDH cabinets can be ground, pole, and wall mounted. Customized cabinets are available and are designed in-house by our highly talented engineering department. All FDH cabinets are designed to meet Telcordia and NEMA specifications.

» Customizable
» Field expansion capabilities
» High fiber capacity
» Excellent fiber management

gomultilink.com/categories/fdh-cabinets

# CONFIGURABLE SPLITTING | CUSTOM DESIGNED IN-HOUSE | PLUG-AND-PLAY
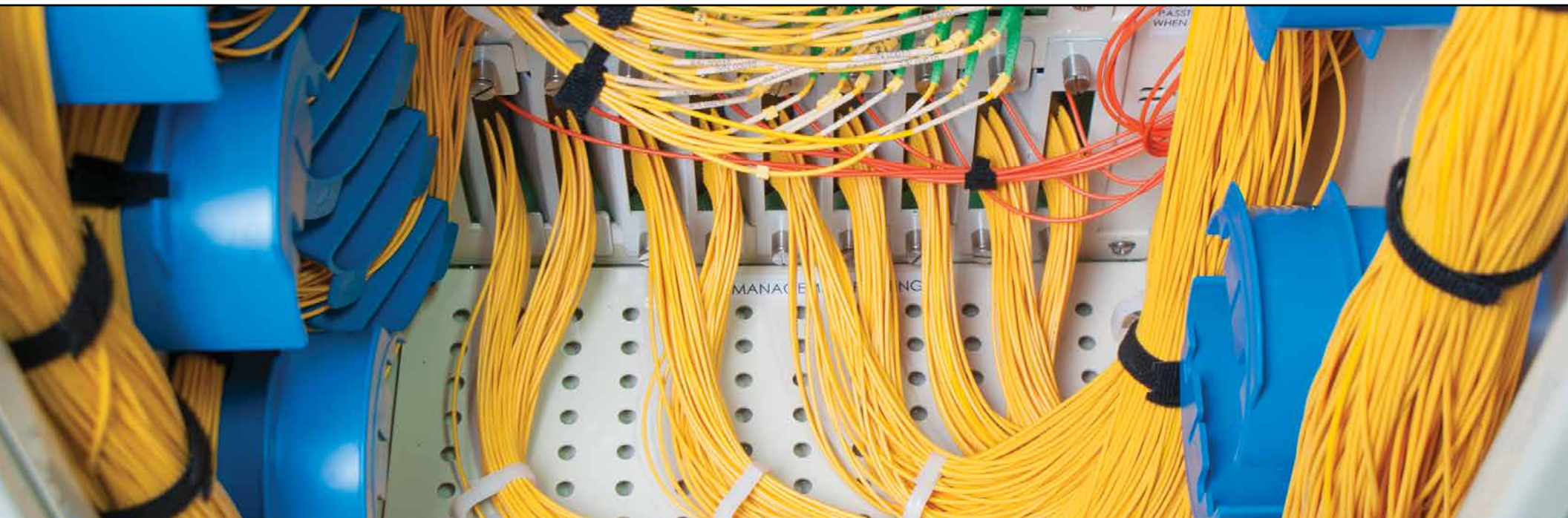
# Fiber Distribution Hubs (FDH)

gomultilink.com/categories/cabinets/fdh-cabinets

**Multilink®**
*Simply More…*

## FDH Configurator

**Our configurators are also available online for easy ordering.** Each FDH product page has a straightforward drop down menu that allows for quick specifications and ordering, saving you time and simplifying the process.

**Ordering Information**

| Distribution Cable Type | |
|---|---|
| 01 | Loose Tube Dielectric Outdoor Cable |
| 02 | *Ribbon Dielectric Cable |
| 03 | Loose Tube Single Jacket & Armored Cable |
| 04 | Indoor / Outdoor Cable |
| 05 | *Ribbon Armor |

*Special Order Only

| Splitter Module Type | |
|---|---|
| S1 | 1x8 |
| S2 | 1x16 |
| S3 | 1x32 |

| Distribution Cable Configuration | |
|---|---|
| 48 | 48 |
| 72 | 72 |
| 144 | 144 |
| 288 | 288 |
| 432 | 432 |

| Custom Feeder Cable Length | |
|---|---|
| **** | *Measured In Feet/Meter |
| 0050F | *Example of 50 Feet *Increments of 50 ft. |

| Input Type | |
|---|---|
| 01 | Patch |
| 02 | Splice |

| Door Locking Option | |
|---|---|
| 01 | Padlockable Handle |
| 02 | 216 Can Wrench |

| Color | |
|---|---|
| BE | Beige |

| Custom Distribution Cable Length | |
|---|---|
| **** | *Measured In Feet/Meter |
| 0100F | *Example of 100 Feet *Increments of 50 ft. |

| Connector Type | |
|---|---|
| SCU | SC/UPC |
| SCA | SC/APC |
| LCU | LC/UPC |
| LCA | LC/APC |

**FDH - BE - [ ] — [ ] — [ ] — [ ] — [ ] — [ ] — [ ] — Qty – Type/ Qty – Type if applicable — [ ] — [ ] — [ ] — [ ]**

| Cabinet Size | |
|---|---|
| 72 | 72 Fibers |
| 144 | 144 Fibers |
| 288 | 288 Fibers |
| 432 | 432 Fibers |
| 576 | 576 Fibers |

| Mounting | |
|---|---|
| 01 | Pad* |
| 02 | Pole** |
| 03 | Wall*** |

\* Pad not available for 72 count
\** Pole available for 72, 144, 288 & 432 count only
\*** Wall available for 72 & 144 count only

| Feeder Fiber Count | |
|---|---|
| 12 | 12 |
| 24 | 24 |
| 48 | 48 |

| Feeder Cable Type | |
|---|---|
| 01 | Loose Tube Dielectric Outdoor Cable |
| 02 | *Ribbon Dielectric Cable |
| 03 | Loose Tube Single Jacket & Armored Cable |
| 04 | Indoor / Outdoor Cable |
| 05 | *Ribbon Armor |

*Special Order Only

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# Fiber Distribution Hubs (FDH)

🌐 gomultilink.com/categories/cabinets/fdh-cabinets

## Splice Hub™

**NEMA 4 rated and Telcordia compliant** (please review online specifications for all rated standards). A dual door design allows technicians access to both feeder and distribution partitions for easy repair or installation of new or existing fiber. The doors are secured by a 3-point latch mechanism with cable entries on the bottom. Each Splice Hub is cassette based and available with a variety of different types of connections and splitter configurations.

| Stock ID | Description | DIMENSIONS | MATERIAL | FIBER CAPACITY | SPLITTER CAPACITY | CT-X CAPACITY | CABLE ENTRY | MOUNTING |
|---|---|---|---|---|---|---|---|---|
| **Splice Hub™ 144** | | | | | | | | |
| 030-327-10 | A fast deployment, fully-configurable and field-upgradeable fiber distribution hub with a 144SC/288LC fiber capacity | 30"H x 18"W x 24"D (with riser) | Corrosion Resistant Aluminum/ Polyester Powder Coat | 144 SC 288 LC | 9 | 12 | 5 Bottom | Ground Pole Vault |
| **Splice Hub™ 288** | | | | | | | | |
| 030-301-20 | A fast deployment, fully-configurable and field-upgradeable fiber distribution hub with a 288SC/576LC fiber capacity | 42.5"H x 18"W x 24"D (with riser) | Corrosion Resistant Aluminum/ Polyester Powder Coat | 288 SC 576 LC | 18 | 24 | 5 Bottom | Ground Pole Vault |
| **Splice Hub™ 432** | | | | | | | | |
| 030-302-20 | A fast deployment, fully-configurable and field-upgradeable fiber distribution hub with a 432SC/864LC fiber capacity | 54"H x 24"W x 24"D (with riser) | Corrosion Resistant Aluminum/ Polyester Powder Coat | 432 SC 864 LC | 28 | 36 | 5 Bottom | Ground Pole Vault |
| **Splice Hub™ 576** | | | | | | | | |
| 030-303-20 | A fast deployment, fully-configurable and field-upgradeable fiber distribution hub with a 576SC/1152LC fiber capacity | 42.5"H x 36"W x 24"D (with riser) | Corrosion Resistant Aluminum/ Polyester Powder Coat | 576 SC 1152 LC | 36 | 48 | 10 Bottom | Ground Vault |

**Multilink®**
*Simply More...*

## Hybrid Splice Hub™

**NEMA 4 rated and Telcordia compliant** (please review online specifications for all rated standards)**.**

| Stock ID | Description | DIMENSIONS | MATERIAL | FIBER CAPACITY | SPLITTER CAPACITY | CABLE ENTRY | MOUNTING |
|---|---|---|---|---|---|---|---|
| **030-332-10** | The most versatile fiber distribution hub (FDH) that we offer, available in 144, 288 and 576 fiber count termination utilizing SC or LC connectors. This cabinet is built around a rack rail design for 19" rack mountable equipment. Saves space inside the cabinet and manages the fibers stored within. | 36"H x 30"W x 22"D | Corrosion Resistant Aluminum/ Polyester Powder Coat | 288SC 576LC | 18 | 6 Bottom | Ground Pole Vault |

SPECS 📖

## 72 Count Wall Mount Fiber Distribution Hub

**NEMA 4 rated and Telcordia compliant** (please review online specifications for all rated standards)**.** Designed for small, less intensive fiber deployments. Ideal for MDUs or locations that do not require 144 or more fiber distribution cabinets.

| Stock ID | Description | DIMENSIONS | MATERIAL | FIBER CAPACITY | SPLITTER CAPACITY | CABLE ENTRY | MOUNTING |
|---|---|---|---|---|---|---|---|
| **030-348-20** | 72 Count Fiber Distribution Hub | 20"H x 21.2"W x 12"D | Corrosion Resistant Aluminum/ Polyester Powder Coat | 72SC 144LC | 6 | 5 Top 5 Bottom | Wall |
| **072-061-10** | Pole Mount Kit | | | | | | |
| **072-105-11** | Wall Mount Kit | | | | | | |

SPECS 📖

# Rack Rail Cabinets

Multilink's Rack Rail Cabinets are all fabricated, constructed and powder coated on-site at our campus facilities in the United States, cutting down on costs and production time. They work with air conditioning and heating HVAC units as well as Multilink's Life Saver™ roof technology to keep cabinet interiors 15°F-20°F cooler than competing storage options. Our Wi-Fi Back Haul Cabinet is NEMA 4 rated, so it can endure harsher conditions than other cabinets. Sporting various mounting choices for increased flexibility, Multilink's Rack Rail Cabinets are the most reliable and efficient storage solutions to shelter your sensitive network equipment from weather and vandalism.

» Standardized 19" rack mount compatibility
» Reliable environmental protection of network equipment
» HVAC available options

gomultilink.com/categories/rack-rail-cabinets
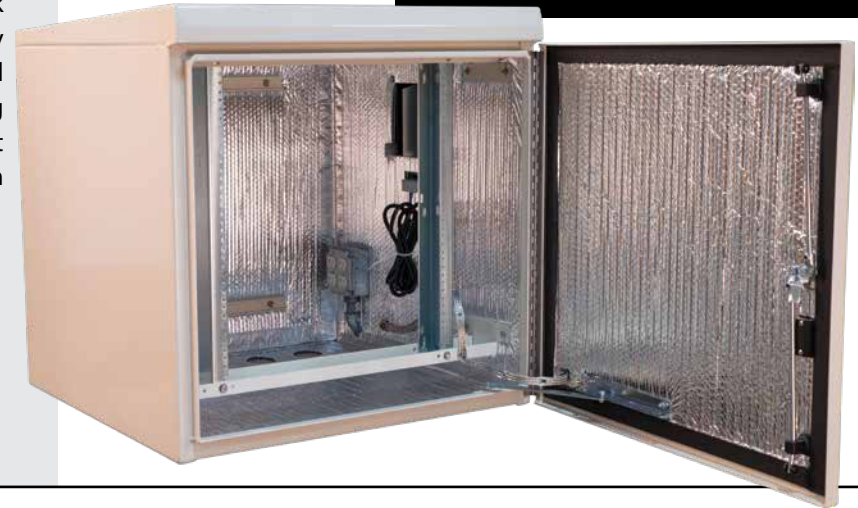
## FAST DEPLOYMENT | FULLY CONFIGURABLE | FIELD UPGRADABLE

## Wi-fi Back Haul Cabinet (WBH)

This environmentally-controlled cabinet shelters your sensitive equipment from harsh elements and vandalism. Single front door access to the 19" rack mounting rails allows for 12RU or 18RU mounting capacity for the equipment. Each MDH is available with a universal mounting bracket.

| Stock ID | Description | DIMENSIONS | MATERIAL | POWER | HEATING/COOLING | CABLE ENTRY | MOUNTING |
|---|---|---|---|---|---|---|---|
| **12RU Wi-fi Back Haul** | | | | | | | |
| 030-346-10 | 19" rack mounting rails allows for 12RU mounting capacity for the equipment. The standard unit comes with a 1RU 24 port SC/APC Termination Panel (other options available as well as a universal mounting bracket). | 29"H x 29"W x 32"D (without AC) 29"H x 39"W x 32"D (with AC) | Corrosion Resistant Powder Coated Aluminum | (1) Quad Box Receptacle w/ Service Entrance | 2000 BTU HVAC w/ Integrated 500W Heater | 5 Entry Knockout Holes w/ 3 Stage Entry 1.375" x 1.696" x 2.5" | Ground Pole Wall |
| **18RU Wi-fi Back Haul** | | | | | | | |
| 030-347-10 | 19" rack mounting rails allows for 18RU mounting capacity for the equipment. The standard unit comes with a 1RU 24 port SC/APC Termination Panel (other options available as well as a universal mounting bracket). | 40"H x 29"W x 32"D (without AC) 40"H x 39"W x 32"D (with AC) | Corrosion Resistant Powder Coated Aluminum | (1) Quad Box Receptacle w/ Service Entrance | 4000 BTU HVAC w/ Integrated 1000W Heater | 5 Entry Knockout Holes w/ 3 Stage Entry 1.375" x 1.696" x 2.5" | Ground Pole Wall |

# Rack Rail Cabinets

**Multilink** ®
*Simply More…*

## Wall Unistrut Mounts

Multilink's 19" Rack Rail Cabinets work with HVAC/heater units and feature Multilink's Life Saver™ roof to keep your equipment secure while saving space.

| Stock ID | Description | DIMENSIONS | MATERIAL | POWER | HEATING/ COOLING | CABLE ENTRY | MOUNTING |
|---|---|---|---|---|---|---|---|
| **Wall/Unistrut Mount 6RU** | | | | | | | |
| **030-251-30** | 19" rack mounting rails allows for 6RU mounting capacity for the equipment. Door is constructed with Padlockable Draw-Latch, Piano Hinge and Wind Stop. | 17.9"H x 25.7"W x 18.6"D | Main Body: Powder Coated Aluminum Hardware: Stainless Steel | DC Wiring | Dual 100 CFM 48V DC Fans Door and Roof Louvers Backed w/ Screen | (4) Dual-Stage Knockouts 1.4-2.5" on Bottom (1) Single Stage Knockout 4" on Bottom (1) Single Stage Knockout 2" on Back (1) Single Stage Knockout 1" on Left Side | Wall or Unistrut Mount |
| **Wall/Unistrut Mount 12RU** | | | | | | | |
| **030-180-40** | Door is constructed with Padlockable 3 Point Latch, Piano Hinge and Wind Stop. | 31"H x 26"W x 23.5"D | Main Body: Powder Coated Aluminum Hardware: Stainless Steel | 125V Duplex Receptacle w/Service Entrance | Dual 100 CFM 48V DC Fans | 4 X(Ø1.5 X 2.25") Dual Stage Knockouts 1 X(Ø4.00") Single Stage Knockout | Wall/ Unistrut/ Pad |
| **030-180-60** | Pole Mount 12RU Backhaul Cabinet | 31"H x 26"W x 26.2"D | | | Dual 100 CFM 48V DC Fans | | |
| **030-180-25** | Wall/Unistrut Mount 12RU w/o service entrance, fused 48V DC Fans | 31"H x 22"W x 23.5"D | | | Dual 100 CFM 48V DC Fans | | |
| **030-180-45** | Wall/Unistrut Mount 12RU w/ Heat Exchanger | 31"H x 25.75"W x 22.3"D | | | 120V AC Heat Exchanger | | |
| **745-560-P1** | 12" Pedestal | 12"H x 20.14W x 22"d | | | N/A | | |
| **Opto-Electronic Enclosure** | | | | | | | |
| **030-129-10** | Designed for 19" & 23" rack mounted equipment and to protect the equipment from the elements. Internal rack is 29RU. Two duplex GFI outlets and a fluorescent light that activates by an automatic pressure switch when the door opens. Solar shield above the roof provides additional protection from sun loading. | 65.5"H x 28"W x 33"D | Main Body: Powder Coated Aluminum Hardware: Stainless Steel | (3) Duplex Receptacle GFCI, 15A, 125VAC, 60Hz | N/A | 14" x 24" Rectangle Opening On Bottom, Rear | Pad |
| **030-129-20** | Opto-Electronic Enclosure w/ A/C Unit & Service Entrance | 65.5"H x 28"W x 33"D | | | 4000 BTU Air Conditioning w/ Integral Heater | | |

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# Closures / Terminals

Multilink offers a number of different fiber optic closure systems in a variety of sizes, deployment types and applications. Our closures have all been designed with ease of access in mind to reduce installation and service times. Pair our closures with our field installable connectors to create one of the most versatile closure/terminal systems on the market.

**Splice Enclosures**
*page 62*

**Optima™**
*page 75*

**Fiber Tap Plus™**
*page 81*

**Multilink®**
*Simply More…*
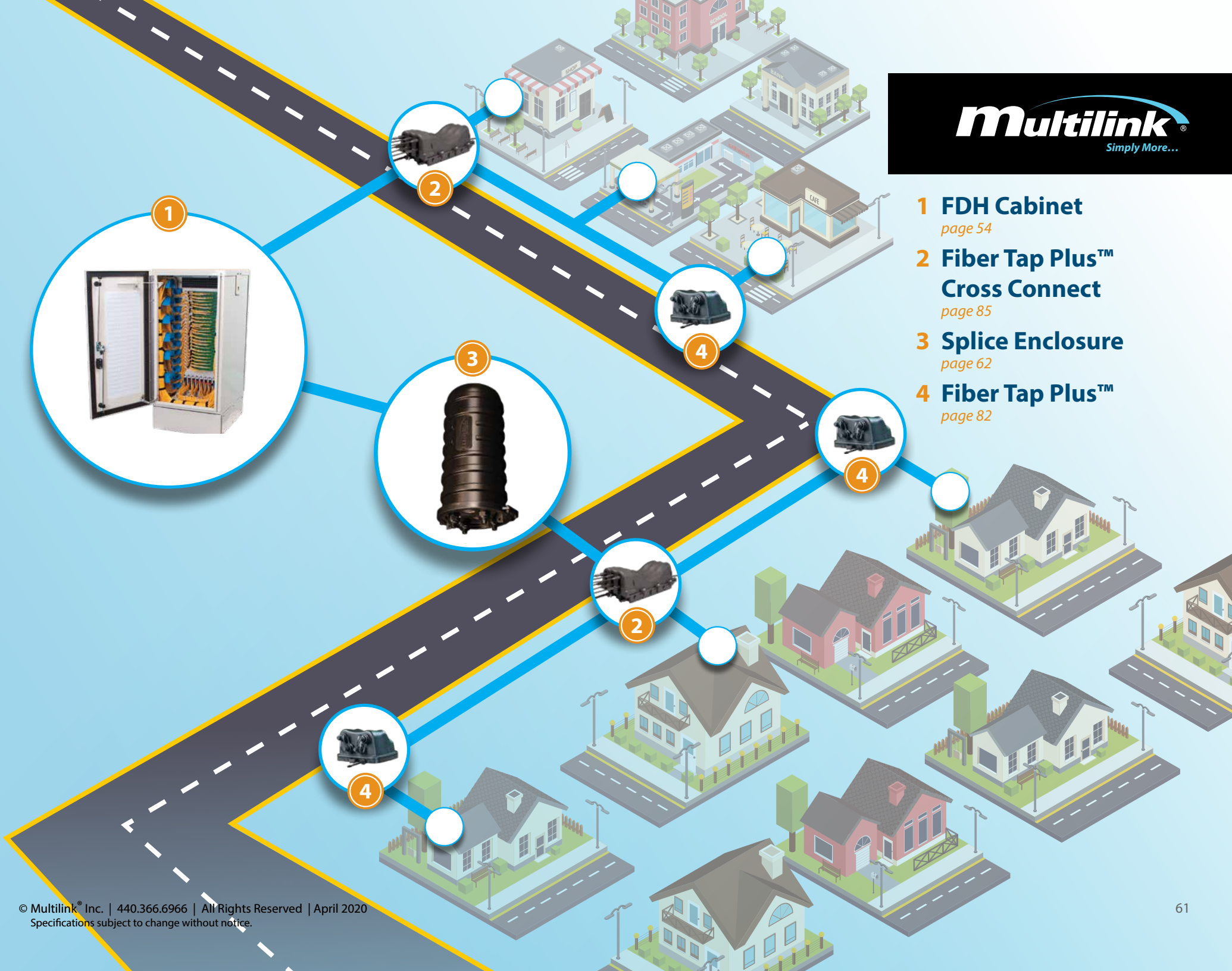
**1   FDH Cabinet**
*page 54*

**2   Fiber Tap Plus™ Cross Connect**
*page 85*

**3   Splice Enclosure**
*page 62*

**4   Fiber Tap Plus™**
*page 82*

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of this catalog which includes links to spec sheets for noted products [SPECS] and more.

# Splice Enclosures

Multilink's splice enclosures have options for both mid-span cable access and the use of butt configurations to offer the perfect solution for easy and efficient splicing where splicing is needed. Our enclosures' multicentric grommets make them compatible with different fiber sizes, while the choice between captive and non-captive cable entrances grants even greater flexibility.

» Simplified splicing enclosure
» Size variety for various fiber capacities
» Multicentric grommet for numerous cable sizes
» Split end plate for mid-span access deployments
» No special tools needed

🌐 **gomultilink.com/categories/fiber-optic-closures/starfighter-dome-enclosure**

🌐 **gomultilink.com/categories/fiber-optic-closures/starfighter-inline**
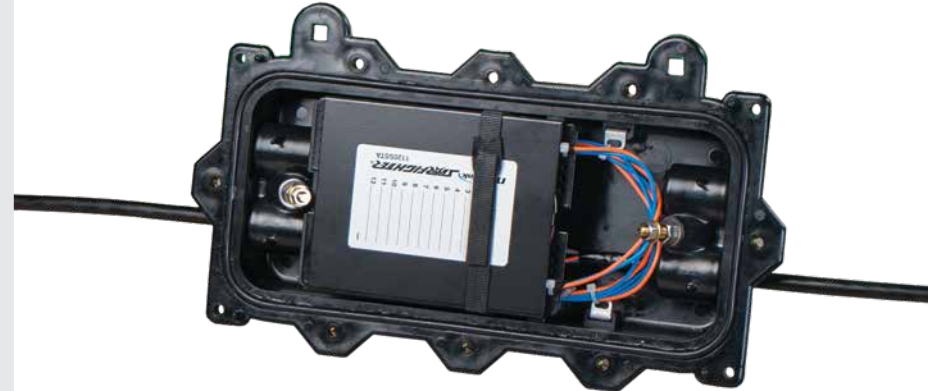
## LARGE SLACK STOARGE AREA | INTUITIVE DESIGN

# 4024-D Starfighter™ Dome Enclosure

The Multilink 4024-D Starfighter™ Fiber Optic Dome Splice Enclosure is an "all parts" inclusive, hermetically-sealed splice enclosure designed for ease of assembly and re-entry. The closure features a gasketed split end plate for mid-access cable applications and an easy to install "no special tool" sealing system. All major hardware is factory installed to allow for quick field installation. The unit has universal grommets along with compression style lateral or branch cable seals that make the enclosure's installation process simple and intuitive. This small-capacity enclosure is suited for a lower amount of splices and can be mounted appropriately for aerial, pedestal, and underground applications.

» Completely sealed with compression seal technology
» Ease in installation requiring no special tools
» GR-771 and CATV industry compliant
» Mid-access design for installation over existing cables
   without disturbing a working cable
» Above or below grade

🌐 gomultilink.com/products/4024-d-starfighter-dome-splice-enclosure

## Specifications

| | |
|---|---|
| **Exterior Closure Length** | 15.3" (38.9cm) |
| **Exterior Closure Diameter** | 8.5" (21.59cm) |
| **Cable Entry** | (2) Express / Feeder / (4) Branch or Lateral |
| **Express/Feeder Cable Diameter** Max. Min. | .75" (19mm) .30" (7.62mm) |
| **Branch/Lateral Cable Diameter** Max. Min. | .63" (16mm) .27" (6.9mm) |
| **Weight** | 6.5 lbs (3kg) |
| **Material** | Dome – Polyethylene End Plates – Glass Filled Polypropylene V-Band – Polypropylene |
| **Splice Tray** | (4) 1120-SSTP or (4) 1124-SSTP |
| **Splice Capacity** | 1120-SSTP: 48 Single Fusion Splices, or 192 Mass Fused Fibers 1124-SSTP: 48 Single Fusion Splices, 96 Double Stacked, or 192 Mass Fused Fibers |

## 4024-D Starfighter Dome Enclosure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT |
|---|---|---|---|
| **020-059-10** | 4024-D Starfighter™ Dome Splice Enclosure – Small capacity closure | 15.3"L x 8.5"D | 6.5 lbs. |
| **072-059-10** | 1120-SSTP Splice Tray, 12 Single/24 Ribbon Splice Capacity | 6"L x 5.13"W x .75"D | 0.20 lbs. |
| **072-059-20** | 1124-SSTP 12 single stack or 24 double stack Fiber Splice Tray | 6.5"L x 5.13"W x .50"D | 0.20 lbs. |
| **10-8362** | 4024-D-AHK Aerial Hanger Kit | 1" x 2" x 6" | 2 lbs. |
| **072-002-10** | 4024-D-WPK Wall or Pole Mounting Bracket/Kit | 2" x 4" x 15" | 2 lbs. |
| **072-002-20** | 4024-D-SS ADSS Mounting Kit | N/A | 3 lbs. |
| **10-8181** | 4024-D-CAK Cable Addition Kit | N/A | 1 lbs. |
| **10-7166** | Compression Wrench for 3/4" NPT Fittings Aluminum | | 0.5 lbs. |

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# 4048-D Starfighter™ Dome Enclosure

Multilink's 4048-D Starfighter™ Dome Enclosure is a medium-capacity fiber optic splicing solution suited for an average amount of splices and engineered to reduce installation and maintenance times. All major hardware comes factory installed, and the dome features a gasketed split end plate for mid-access splicing applications as well as an easy to install "no special tool" sealing system. This unit features various mounting options, universal grommets and compression-style lateral or branch cable seals that make the enclosure's setup process simple and intuitive.

» Completely sealed with compression seal technology
» Ease in installation requiring no special tools
» GR-771 and CATV industry compliant
» Mid-access design for installation over existing cables
   without disturbing a working cable
» Above or below grade

gomultilink.com/products/4048-d-starfighter-dome-splice-enclosure

## Specifications

| Specifications | |
|---|---|
| **Exterior Closure Length** | 19.29" |
| **Exterior Closure Diameter** | 8.5" |
| **Cable Entry** | (2) Express / Feeder / (4) Branch or Lateral |
| **Express/Feeder Cable Diameter** Max. Min. | .75" (19mm) .30" (7.62mm) |
| **Branch/Lateral Cable Diameter** Max. Min. | .63" (16mm) .27" (6.9mm) |
| **Weight** | 7.5 lbs. |
| **Material** | Polyethylene, End Plates – Glass Filled Polypropylene, V-Band – Polypropylene |
| **Splice Tray** | (4) 4048-SSTP |
| **Splice Capacity** | 96 Single Splices, 192 Mass Fused Fibers or 192 Double Stacked |

## 4048-D Starfighter™ Dome Enclosure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT |
|---|---|---|---|
| **10-8365** | 4048-D Starfighter™ Dome Splice Enclosure w/ 1 splice tray | 19.29"L x 8.5"D | 7.5 lbs. |
| **020-049-10** | 4048-D Starfighter™ Dome Splice Enclosure w/ 1 splice tray & 6 ground lugs | 19.29"L x 8.5"D | 7.5 lbs. |
| **10-9126** | 4048-D Starfighter™ Dome Splice Enclosure w/ Pedestal | 40"L x 10"D | 28.5 lbs. |
| **10-8007** | 4048-SSTP 24 Single/48 Ribbon Splice Capacity | 9.75"L x 4.5"W x 0.5"D | 0.57 lbs. |
| **10-8362** | 4048-D-AHK Aerial Hanger Kit | 1"L x 2"W x 6"D | 2 lbs. |
| **072-001-10** | 4048-D-WPK Wall or Pole Mounting Bracket/Kit | 19"L x 1.5"W x 3.7"H | 2 lbs. |
| **072-002-20** | 4048-D-SS ADSS Mounting Kit | N/A | 3 lbs. |
| **10-8181** | 4048-D-CAK Cable Addition Kit | N/A | 1 lbs. |
| **10-7166** | Compression Wrench for 3/4" NPT Fittings Aluminum | N/A | 0.5 lbs. |
| **065-058-10** | 4048-D Slack Rack Steel/Powder Coated, Black | N/A | 8 lbs. |

.310 DIA

.460 DIA

Hose Clamps

Strain Relief Bracket
for 3/4" NPT Fitting
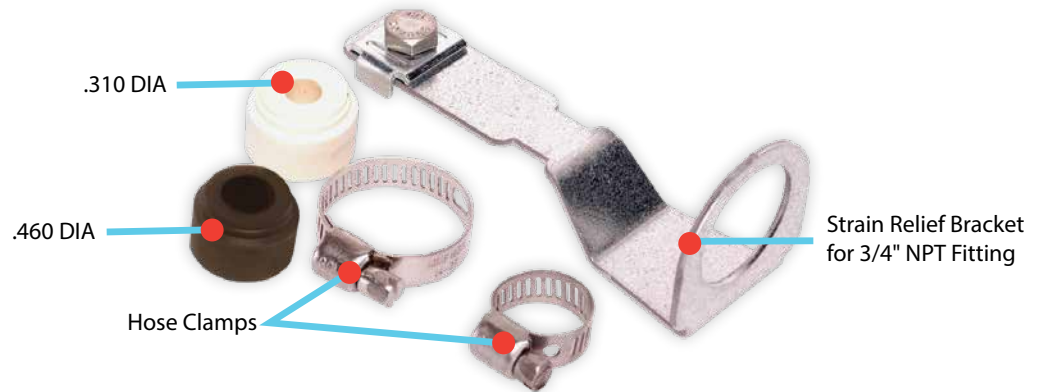
## Dome Enclosure Mounting Kit

| STOCK ID | DESCRIPTION | DIMENSIONS | UOM |
|----------|-------------|------------|-----|
| 065-058-10 | Pole/Wall mountable kit for the 4048-D Starfighter™ Dome Enclosure, 4 hooks for cable slack storage | 30"H x 26"W x 1.5"D | Each |

## Cable Addition Kit

| STOCK ID | DESCRIPTION | UOM |
|----------|-------------|-----|
| 10-8181 | Cable Addition Kit for 4024-D Starfighter™ and 4048-D Starfighter™ | Each |

## Grommet Inserts for 3/4" NPT Fittings

| STOCK ID | 10-8084 | 10-8087 | 10-8085 | 10-8090 | 10-8092 | 10-8091 | 10-8088 | 10-9999 | 642-066-10 |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| 10 PACK ID | 10-8096 | 10-8106 | 10-8097 | 10-8109 | 10-8111 | 10-8110 | 10-8107 | 10-5414 | N/A |
| # OF PORTS | 4 | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 1 |
| CABLE SIZE | .20"-.24" | .16"-.20" | .24"-.28" | .16"-.20" | Flat Drop | .25"-.29" | .27"-.31" | .32"-.46" | Flat |
| WEIGHT | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. |

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# 4000-D Starfighter™ Dome Enclosure

The Multilink Starfighter™ 4000-D Dome Splice Enclosure is a large-capacity enclosure designed for above or below grade applications and supports 6 or more cable entries. The enclosure features a unique gasketed split end plate system that allows for mid-access cable applications up to 1.125" in diameter. Up to 6 branch or lateral cables can be added to any one of four compression seal entry ports utilizing multi-port grommets available for the enclosure. The enclosure requires no special tools, adhesives, or mastics for installation. The new unibody slack storage basket and hinged splice trays allow for maximum storage and access of fiber and fiber bundles.

» Completely sealed with compression seal technology
» Ease in installation requiring no special tools
» GR-771 and CATV industry compliant
» Mid-access design for installation over existing cables without
   disturbing a working cable
» Can be used for above or below grade applications
» RUS Listed

🌐 **gomultilink.com/products/4000-d-starfighter-dome-splice-enclosure**

## Specifications

| | |
|---|---|
| **Exterior Closure Length** | 24.63" (62.56cm) |
| **Exterior Closure Diameter** | 11.92" (30.28cm) |
| **Cable Entry** | (2) Express / Feeder / (4) Branch or Lateral |
| **Express/Feeder Cable Diameter** **Max.** **Min.** | 1.12" (28.5mm) .375" (9.5mm) |
| **Branch/Lateral Cable Diameter** **Max.** **Min.** | .98" (24.9mm) .30" (7.62mm) |
| **Weight** | 12.5 lbs (5.67kg) |
| **Material** | Dome – Polyester End Plates – Glass Filled Polypropylene V-Band – Polypropylene |
| **Splice Tray** | (8) 4048-SSTP (8) 4072-SSTP |
| **Splice Capacity** | 288 Single Splices, 576 Double or 1152 Mass Fused Fibers |

## 4000-D Starfighter™ Dome Enclosure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT |
|---|---|---|---|
| **10-8146** | 4000-D Starfighter™ Dome Splice Enclosure – Large capacity enclosure | 24.63"L x 11.92"D | 12.5 lbs. |
| **020-046-10** | 4000-D Starfighter™ Dome Splice Enclosure w/ one 4072-SSTP & 6 ground lugs | 24.63"L x 11.92"D | N/A |
| **020-002-20** | 4000-D Starfighter™ Dome Splice Enclosure w/ one 4048-SSTP Splice Tray | 24.63"L x 11.92"D | 12.50 lbs. |
| **10-8007** | 4048-SSTP 24 Fiber Splice Tray | 9.75"L x 4.5"W x 0.5"D | 0.57 lbs. |
| **065-001-10** | 4072-SSTP 36 Fiber Splice Tray | 10.75"L x 5.75"W x 0.5"D | 0.59 lbs. |
| **10-5324** | 4000-D-AHK Aerial Hanger Kit | 6"H x 1"W x 2"D | 2 lbs. |
| **10-5335** | 4000-D-WPK Wall or Pole Mounting Bracket/Kit | 24"L  x 2"W x 4"H | 2 lbs. |
| **072-002-20** | 4000-D-SS ADSS Mounting Kit | N/A | 3 lbs. |
| **10-6028** | 4000-D-CAK Cable Addition Kit | N/A | 1 lbs. |
| **10-7167** | Compression Wrench for 1" NPT Fittings Aluminum | N/A | 0.5 lbs. |
| **10-6635** | 4000-D Assembly Stand | N/A | 5 lbs. |

# 4000-D Starfighter™ Dome Enclosure Accessories
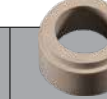
## 4000-D Cable Addition Kit
## 10-6028

.510-.790 DIA

.410-500 DIA

1" Plastic NPT Nut

1/2" x 1-1/16"Hose Clamp

Strain Relief Bracket
for 1"NPT Fitting

.300 - .400 DIA

## Grommet Inserts for 1" NPT Fittings

| STOCK ID | 10-5552 | 10-5127 | 10-5128 | 10-6550 | 10-5129 | 10-6552 | 10-6002 | 10-5130 | 10-5134 |
|---|---|---|---|---|---|---|---|---|---|
| 10 PACK ID | 10-5553 | 10-5421 | 10-5422 | 10-6551 | 10-5419 | 10-6553 | 10-6003 | 10-5483 | 10-5420 |
| # OF PORTS | 1 | 1 | 1 | 8 | 6 | 4 | 4 | 4 | 4 |
| CABLE SIZE | .3"-.4" | .41"-.5" | .51"-.79" | .150" | .265 | .300 | .350 | .370 | Flat Drop |
| WEIGHT | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. |

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# 4000-D Starfighter™ Dome Enclosure Accessories

🌐 **gomultilink.com/products/4000-d-starfighter-dome-splice-enclosure**

## Interconnect Modules

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT |
|----------|-------------|------------|--------|
| **10-6074** | 4000-D Interconnect Module with 4 Simplex SC/UPC Bulkheads | 14"L x 6"W x 3"H | 2.0 lbs. |
| **10-5416** | 4000-D Interconnect Module with 4 Simplex SC/APC Bulkheads | 14"L x 6"W x 3"H | 2.0 lbs. |
| **10-9164** | 4000-D Interconnect Module with 8 Duplex SC/UPC Bulkheads | 14"L x 6"W x 3"H | 2.0 lbs. |
| **10-9266** | 4000-D Interconnect Module with 16 SC/PC Bulkheads (8 Duplex) MM | 14"L x 6"W x 3"H | 2.0 lbs. |
| **744-824-20** | 4000-D Interconnect Module with 16 SC/APC Blukheads (8 Duplex) | 14"L x 6"W x 3"H | 2.0 lbs. |
| **744-821-20** | 4000-D Interconnect Module with 12 SC/APC Blukheads (6 Duplex) | 14"L x 6"W x 3"H | 2.0 lbs. |
| **745-062-20** | 4000-D Interconnect Module with 8 SC/APC Simplex Blukheads | 14"L x 6"W x 3"H | 2.0 lbs. |

**SPECS**

## Wall/Pole Mount Kit

| STOCK ID | DESCRIPTION | UOM |
|----------|-------------|-----|
| **10-5335** | 4000-D Wall/Pole Mount Kit | Each |
| **072-001-10** | 4024-D/4048-D Wall/Pole Mount Kit | Each |

# 1120-F Starfighter™ MiniButt Splice Enclosure

The 1120-F Starfighter™ MiniButt is a low-capacity fiber optic splice enclosure designed for use in low count fiber splicing applications and environments where space is a constraint. This enclosure features an integrated gasket that prevents water ingress while allowing for easy access via your choice of inline or butt configurations for even the largest cables.

» Supports both inline and butt configurations
» Lightweight and compact
» Up to four cable entries with cable OD range of .3" to .63"
» Suitable for above or below grade installations
» Constructed with impact and corrosion resistant materials
» Integrated "F" pressure testing valve and grounding lugs
» Up to 24 single fusion splices or 96 mass fused fibers
» Equipped with all parts required for normal splicing applications
» RUS Listed

🌐 **gomultilink.com/products/1120-f-starfighter-minibutt**

## Specifications

| | |
|---|---|
| **Exterior Closure Length** | 15"(38.1cm) |
| **Exterior Closure Width** | 6.5" (16.5cm) |
| **Exterior Closure Depth** | 3.5" (8.9cm) |
| **Cable Entry** | (4) Branch or Lateral |
| **Cable Diameter** Max. Min. | .63" (16mm) .3" (7.6mm) |
| **Material** | 5720U Xenoy |
| **Splice Tray Capacity** | (2) 1120-SSTA, 1120-SSTP or 1124 SSTP |
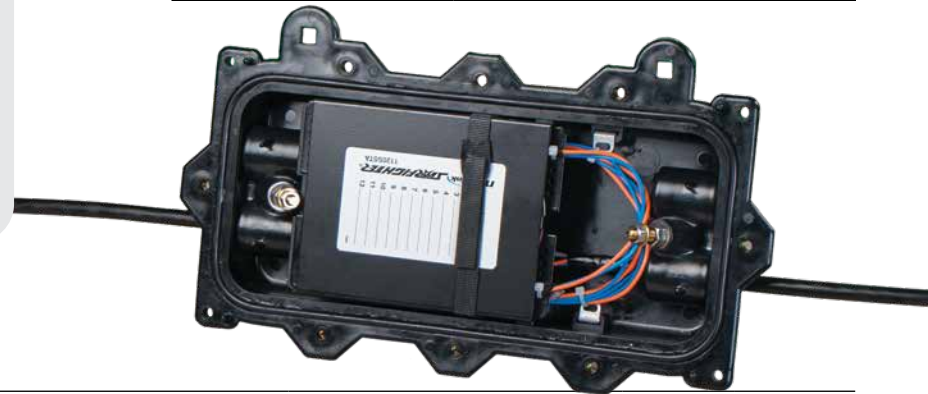
## 1120-F Starfighter™ MiniButt

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | UOM |
|---|---|---|---|---|
| **70203K** | 1120-F Starfighter™ MiniButt | 15"L x 6.5"W x 3.5"D | 6.0 lbs. | Each |
| **70205K** | 1120-F Starfighter™ MiniButt with One 1120-SSTA Splice Tray | 15"L x 6.5"W x 3.5"D | 6.35 lbs. | Each |
| **072-059-10** | 1120-SSTP 12 Fiber Splice Tray | 6.5"L x 5.13"W x .50"D | 0.20 lbs. | Each |
| **072-059-20** | 1124-SSTP 12 single stack or 24 double stack Fiber Splice Tray | 6.5"L x 5.13"W x .50"D | 0.20 lbs. | Each |

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# 2000-F Starfighter™ Splice Enclosure

The 2000-F Starfighter™ is a medium-capacity fiber optic splice enclosure designed for splicing applications in both above and below grade installations. The enclosure supports both aluminum and plastic splice trays and features an integrated gasket that prevents water damage while allowing for ease of access to the unit. The unit, which can hold four fiber cables, is compact and manufactured with durable impact and corrosion resistant materials.

» Supports both inline and butt configurations
» Lightweight and compact
» Up to four cable entries with cable OD range of .3" to .63"
» Suitable for above or below grade installations
» Constructed with impact and corrosion resistant materials
» Integrated "F" pressure testing valve and grounding lugs
» Up to 72 single fusion splices or 288 mass fused fibers
» Equipped with all parts required for normal splicing applications
» RUS Listed

🌐 **gomultilink.com/products/2000-f-starfighter**

**Specifications**

| | |
|---|---|
| **Exterior Closure Length** | 24.5"(62.2cm) |
| **Exterior Closure Width** | 8"(20.3cm) |
| **Exterior Closure Depth** | 5"(12.7cm) |
| **Cable Entry** | (4) Branch or Lateral |
| **Cable Diameter** Max. Min. | .63" (16mm) .3" (7.6mm) |
| **Material** | 5720U Xenoy |
| **Splice Tray Capacity** | (3) 2000-SSTA or 2020-SSTP |
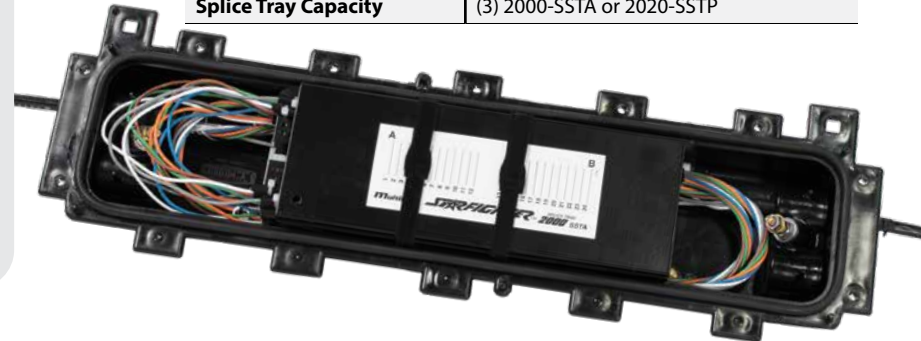
## 2000-F Starfighter™ Splice Closure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | UOM |
|---|---|---|---|---|
| **70304K** | 2000-F Starfighter™ | 24.5"L x 8"W x 5"D | 9.0 lbs. | Each |
| **70302K** | 2000-F Starfighter™ with One 2000-SSTA Splice Tray | 24.5"L x 8"W x 5"D | 9.0 lbs. | Each |
| **70506K** | 2000-SSTA 24 Fiber Splice Tray | 11.75"L x 4"W x .5"D | .65 lbs. | Each |
| **70709K** | 2020-SSTP 24 Fiber Splice Tray | 12.25"L x 4"W x .5"D | .54 lbs. | Each |

# 3000-F Starfighter™ Splice Enclosure

The 3000-F Starfighter™ is a high-capacity inline splice enclosure designed for use in both above and below grade applications at major splice points in your network. The 3000-F supports both inline and butt configurations and is expandable through an optional cable expansion kit. This enclosure features an integrated gasket sealing along with a patented cable seal to prevent water ingress while allowing for easy access for even the largest cables.

» Mid-span access cables up to 1.1" in diameter
» Supports both inline or butt configurations
» Up to eight cable entries with cable OD range of 0.3" to 1.1"
» Suitable for above or below grade installations
» Constructed with impact and corrosion resistant materials
» Integrated "F" pressure testing valve and grounding lugs
» Up to 288 single fusion splices or 768 mass fused fibers with cable addition kit
» Equipped with all parts required for normal splicing applications
» RUS Listed

🌐 gomultilink.com/products/3000-f-starfighter

### Specifications

| | |
|---|---|
| Exterior Closure Length | 21.5" (53.66cm) |
| Exterior Closure Width | 12" (20.96cm) |
| Exterior Closure Depth | 4.5" (20.32cm) |
| Cable Entry | (4) Branch or Lateral (8) with CAK |
| Cable Diameter Max. Min. | 1.124" (28.55mm) .375" (9.525mm) |
| Material | 5720U Xenoy |
| **Splice Tray Capacity** | (4) 3000-SSTA with Cable Addition Kit (8) 3030-SSTP with Cable Addition Kit |
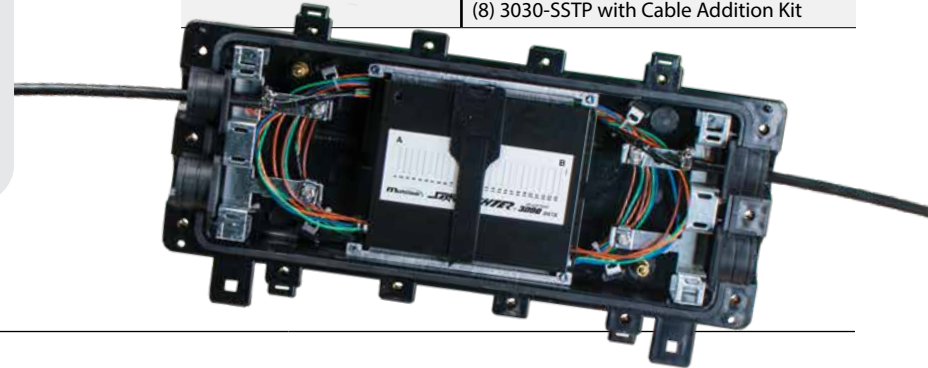
## 3000-F Starfighter™ Splice Closure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | UOM |
|---|---|---|---|---|
| **70575K** | 3000-F Starfighter™ | 21.5"L x 12"W x 4.5"D | 10.0 lbs. | Each |
| **70536K** | 3000-F Starfighter™ with 1 3000-SSTA Splice Tray (Not Pictured) | 21.5"L x 12"W x 4.5"D | 11.0 lbs. | Each |
| **70582K** | 3000-F Starfighter™ with 1 3030-SSTP Splice Tray (Not Pictured) | 21.5"L x 12"W x 4.5"D | 11.0 lbs. | Each |
| **70314K** | 3000-CAK (Cable Addition Kit) Starfighter | 21.5"L x 12"W x 3"D | 8.0 lbs. | Each |
| **70505K** | 3000-SSTA 24 Fiber Splice Tray | 7.75"L x 6"W x .5"D | 1.0 lbs. | Each |
| **70706K** | 3030-SSTP 24 Fiber Splice Tray | 8.25"L x 5.75"W x .5"D | 1.0 lbs. | Each |

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## In-Line Splice Enclosure Accessories

🌐 **gomultilink.com/categories/fiber-optic-closures/starfighter-inline**



**1120-F Starfighter™**



**2000-F Starfighter™**
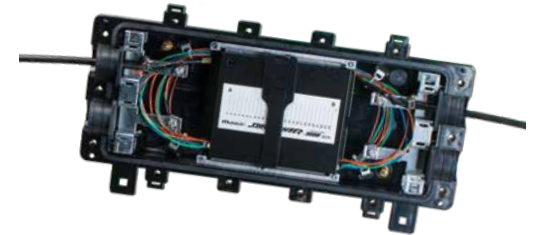


**3000-F Starfighter™**

### In-Line Splice Accessories

| STOCK ID | DESCRIPTION | MATERIAL | WEIGHT | UOM |
|----------|-------------|----------|--------|-----|
| 70800K | 1100-A Aerial Hanger Brackets | Stainless Steel | .66 lbs | Pair |
| 71241K | 1100-SS ADSS Mounting Kit | Plastic/Stainless Steel | .55 lbs. | Each |
| 70307K | 1100-W Wall/Pole Mounting Brackets | Galvanized Steel | .35 lbs | Pair |

# Starfighter™ Optical Terminal Enclosure

Multilink's Starfighter™ Optical Terminal Enclosure (OTE) is an inline terminal enclosure designed to support both traditional and optical drop splicing. It has a durable and impact-resistant polyethylene material specifically crafted for outside plant environments. The terminal boasts four ports on each end, supports express cabling, allows for the addition of branch/lateral cabling and possesses various mounting capabilities, meaning it can fit into any network infrastructure. This Starfighter™ model works well as a drop splicing enclosure as it is compatible with a variety of drop designs and can withstand rough environmental factors. The OTE can perform up to 36 drops in FTTH applications and comes equipped with all the hardware required to seal and secure your express/feeder cables as well as a 12-fiber splice tray.

» Easy to assemble cable sealing and retention system.
» Reduces operating costs by allowing customers to purchase additional capacity only when needed.
» Reduces enclosure inventory. The enclosure is suitable for a wide variety of above grade installation and mounting applications.
» Universal above grade optical fiber splicing and termination capability.
» High impact resistant and UV resistant thermoplastic for long life.
» Supports PON components as well as optical connectorized terminations.
» Provides all-in-one sealing and strain relief of individual drops.
» Mid-access capable for cables up to 1.125" in diameter.

**gomultilink.com/categories/fiber-optic-closures/starfighter-optical-terminal-enclosure**

## Specifications

| | |
|---|---|
| Exterior Closure Length | 18.5" |
| Exterior Closure Width | 11.5" |
| Exterior Closure Depth | 6.0" |
| Cable Entry Ports | (2) Express Feeder, (6) Branch Lateral, or Multiport* |
| **Express/Feeder Cable Diameter** | Max. 1.124"/Min. 0.375" |
| **Splice Tray Capacity** | (4) 4048-SSTP |
| **Standard Cables** | 2 (Express Feeder) |
| **FTTH/Lateral Ports** | 6 Ports (Up to 36 Individual Drops) |
| **Branch/Lateral Cable Diameter** | Max. 0.98"/Min. 0.30" |

Drop Seals or other cable seal kits, see ordering information
*Multiport Cable Seals are available to support up to 36 fiber drops for FTTH Applications

## Starfighter™ Optical Terminal Enclosure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | UOM |
|---|---|---|---|---|
| **10-6060** | Starfighter™ OTE Optical Termination Enclosure (Basic Enclosure) w/ 1 Tray | 18.5"L x11.5"W x 6"D | 10 lbs. | Each |
| **020-026-20** | Starfighter™ OTE Optical Termination Enclosure w/ 6 Scout Adapters | 18.5"L x11.5"W x 6"D | 12 lbs. | Each |
| **020-066-10** | Starfighter™ OTE Optical Termination Enclosure w/ 8 SC/APC Adapters | 18.5"L x11.5"W x 6"D | 12 lbs. | Each |
| **10-8007** | 4048-SSTP 24 Fiber Splice Tray | 9.75"L x 4.5"W x 0.5"D | 0.57 lbs. | Each |
| **10-5435** | Wall/Pole Mounting Bracket w/ Mounting Hardware | N/A | 3 lbs. | Each |
| **10-5436** | Aerial Hanger Bracket Kit | N/A | N/A | Pair |
| **10-5434** | ADSS Mounting Bracket | N/A | N/A | Each |

SPECS

020-066-10

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# Optical Terminal Enclosure Additional Accessories

🌐 gomultilink.com/categories/fiber-optic-closures/starfighter-optical-terminal-enclosure

## OTE Cable Addition Kit

| STOCK ID | DESCRIPTION |
|---|---|
| **065-016-10** | Supports .30-.98 diameter cables |

Strain Relief Bracket for 1"NPT Fitting

1" NPT Dome Fitting

.300 - .400 DIA

.410-500 DIA

1" Plastic NPT Nut

.510-790 DIA

1/2" x 1-1/16"Hose Clamp

## Grommet Inserts For 1" NPT Fittings

| STOCK ID | 10-5552 | 10-5127 | 10-5128 | 10-6550 | 10-5129 | 10-6552 | 10-6002 | 10-5130 | 10-5134 | 065-082-10 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 PACK ID | 10-5553 | 10-5421 | 10-5422 | 10-6551 | 10-5419 | 10-6553 | 10-6003 | 10-5483 | 10-5420 | N/A |
| # OF PORTS | 1 | 1 | 1 | 8 | 6 | 4 | 4 | 4 | 4 | 1-SC |
| CABLE SIZE | .3"-.4" | .41"-.5" | .51"-.79" | .150" | .265 | .300 | .350 | .370 | Flat Drop | SC Outdoor |
| WEIGHT | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .2 lbs. |

## 1" NPT Dome Fitting

| STOCK ID | DESCRIPTION | MATERIAL | UOM |
|---|---|---|---|
| **10-5122** | 1" NPT Dome Fitting-Includes. Insert for .71"- .98"Diameter Cable | Plastic and Rubber | Each |

# Optima™ Fiber Optic Closures

Multilink's Optima™ closures alleviate many of the headaches found in today's FTTX deployments by eliminating the use of hardened connectors in favor of standard SC and LC connectors, making field installations easier and economically feasible. The Optima™ S features separate splicing and drop partitions, allowing for installs without disturbing the splicing partition. The Optima™ T and C4 are pigtailed closures which favor the design of many MST's available today, without the need for a hardened connector. The Optima™ series uses standard connectors thus eliminating the need to stock different lengths of pre-terminated drops, allowing field termination of bulk fiber and preventing drop fiber waste, saving money. Additionally, a splitter can be installed if secondary splitting is required.

» Cost effective design
» Re-enterable hookup & disconnect terminal
» Seperate drop and splicing compartments

🌐 **gomultilink.com/categories/optima**



## FIELD INSTALLABLE  |  EXPANDABLE  |  VERSATILE

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of this catalog which includes links to spec sheets for noted products [SPECS] and more.

# Optima™ S Fiber Optic Closure

The Optima™ S closure is a splice closure and terminal in one housing. The Optima™ S was designed with the ability to have your 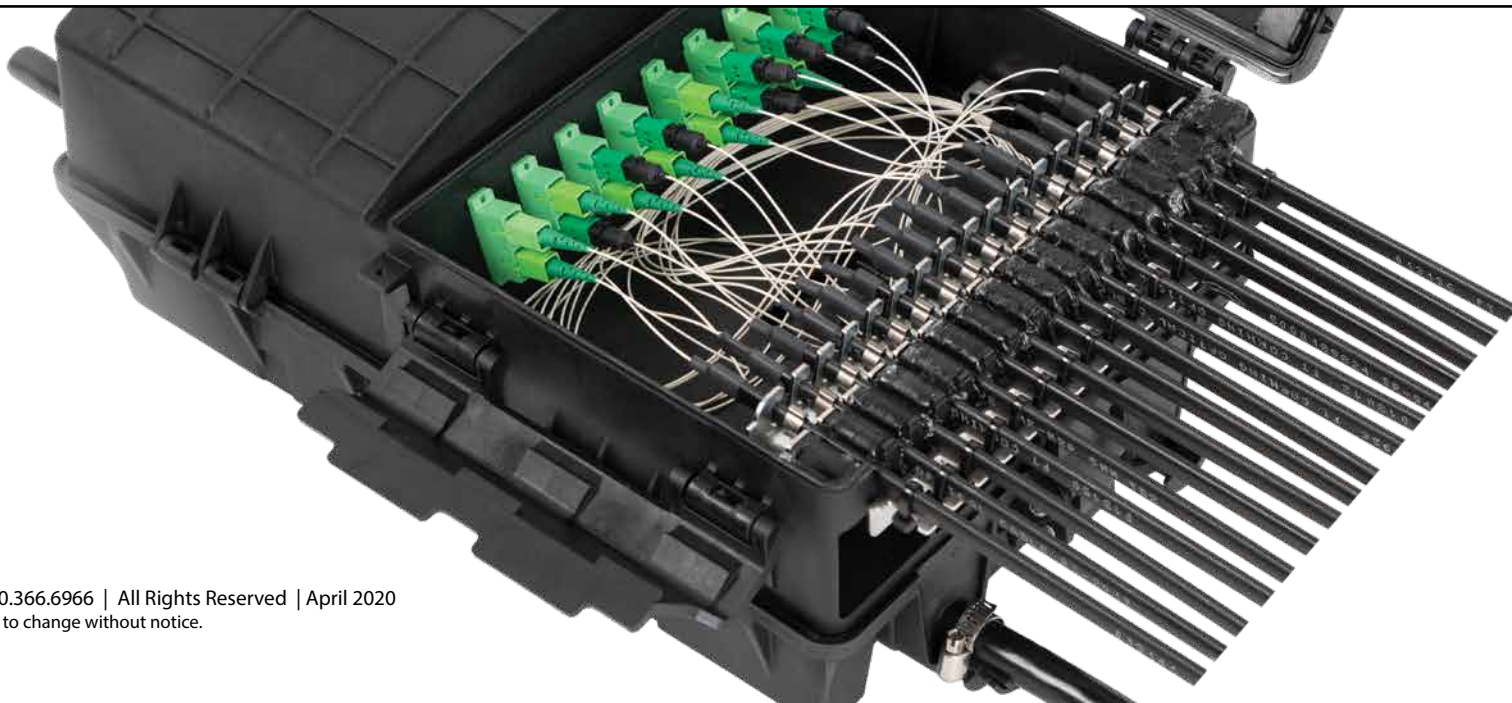main fiber enter via any of the 4 non-captive entrances, perform a ring cut, access only the fibers you need, store the remaining tubes and continue to the next enclosure. The Optima™ S has a separate drop partition allowing an install to be done without having to disturb the main fiber partition. For larger fiber counts up to a 144, the Optima™ S16 is an ideal choice as it was designed with larger fiber counts in mind.

» Factory terminated & tested
» Provisions for field installation & termination
» Uses standard SC connectors.
» Re-enterable drop compartment for troubleshooting and connection replacement
» Separate partions to ensure the installer only comes into contact with the drop installation cables
» Capable of feeding other Optima™ units through main cable entrances

🌐 **gomultilink.com/categories/fiber-optic-closures/optima/optima-s**

## Specifications

| | |
|---|---|
| **Mounting** | Pole<br>Pedestal<br>Strand<br>Wall |
| **Express/Feeder Cable Diameter** | .48-.68 |
| **Feeder Cable Compatibility** | OSP/I/O |
| **Ports** | 4 Non-Captive |
| **Material** | UV Stabilized Plastic |
| **Color** | Black |
| **Drop Capacity** | Optima™ S12 – 12 Flat<br>Optima™ S16 – 16 Flat |

**Shown: Optima S16**

**Shown: Optima S12**

[SPECS]

## Optima™ S Fiber Optic Closure

| STOCK ID | DESCRIPTION | DIMENSIONS | SPLICE TRAY | SPLICE CAPACITY PER TRAY | WEIGHT | UOM |
|---|---|---|---|---|---|---|
| **020-349-00** | Optima™ S | 8.25"L x 14.84"W x 4.38"D | (3) 12-SSTP | 12 Single/ 24 Double | 10 lbs. | Each |
| **020-349-10** | Optima™ S (4 Port SC/APC Termination) | 8.25"L x 14.84"W x 4.38"D | (3) 12-SSTP | 12 Single/ 24 Double | 10 lbs. | Each |
| **020-349-20** | Optima™ S (8 Port SC/APC Termination) | 8.25"L x 14.84"W x 4.38"D | (3) 12-SSTP | 12 Single/ 24 Double | 12 lbs. | Each |
| **020-349-30** | Optima™ S (12 Port SC/APC Termination) | 8.25"L x 14.84"W x 4.38"D | (3) 12-SSTP | 12 Single/ 24 Double | 12 lbs. | Each |
| **020-380-00** | Optima™ S16 (16 Port SC/APC Termination) | 10.5"L x 15.6" W x 6.4"D | (3) 1124-SSTP | 12 Single/ 24 Double | 14 lbs. | Each |

# Optima™ T Fiber Optic Closure

The Optima™ T Fiber Optic Closure is perfectly suited for end fiber deployment in your network, with options for either one or two fiber entrance ports at the base of the closure. The Optima™ T serves as a perfect complement to the Optima™ S by allowing you to extend your plant using pre-terminated pigtails. The use of standard SC/LC connectors and four port terminal capacity options makes field installation and maintenance incredibly easy.

» Factory terminated & tested
» Provisions for field installation & termination
» Pre-terminated feeder cable ends **or** non connectorized sub ends
» Re-enterable hookup & disconnect terminal for troubleshooting and
   connector replacement
» Available in 4, 6, 8 or 12 port terminal capacity
» Has provisions for expandable feed through compatability with other
   Optima™ devices

🌐 **gomultilink.com/categories/fiber-optic-closures/optima/optima-t**

## Specifications

| | |
|---|---|
| **Mounting** | Pole<br>Pedestal<br>Strand<br>Wall |
| **Feeder Cable Compatibility** | Flat Drop Cable |
| **Input Feeder Ports** | 1 or 2 |
| **Material** | UV Stabilized Plastic |
| **Color** | Black |
| **Drop Capacity** | 12 Flat |

## Optima™ T Fiber Optic Closure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | UOM |
|---|---|---|---|---|
| **020-348-10** | Optima T™ (4 Port SC/APC Termination) | 14.84"L x 8.25"W x 3.13"D | 10 lbs. | Each |
| **020-348-20** | Optima T™ (8 Port SC/APC Termination) | 14.84"L x 8.25"W x 3.13"D | 12 lbs. | Each |
| **020-348-30** | Optima T™ (12 Port SC/APC Termination) | 14.84"L x 8.25"W x 3.13"D | 12 lbs. | Each |

**NOTE:** Also available with a Pre-terminated Flatdrop Pigtail.

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# Optima™ C4 Fiber Optic Closure

The Optima™ C4 was made for end of line connections in environments where space is a concern.
It functions as a smaller version of the Optima™ T with a smaller size footprint.

» Factory terminated & tested
» Provisions for field installation & termination
» Pre-terminated feeder cable ends **or** non connectorized sub ends
» Re-enterable hookup & disconnect terminal for troubleshooting
  and connection replacement
» Available in 4 port terminal capacity

🌐 **gomultilink.com/categories/fiber-optic-closures/optima/optima-c4**

### Specifications

| | |
|---|---|
| **Mounting** | Pole<br>Pedestal<br>Strand<br>Wall |
| **Feeder Cable Compatibility** | Flat Drop Cable |
| **Input Feeder Ports** | 1 or 2 |
| **Material** | UV Stabilized Plastic |
| **Color** | Black |
| **Drop Capacity** | 4 Flat |

**1 Feeder Port for Input
from 1 Splice Enclosure**

**2 Feeder Ports for Input from
Multiple Splice Enclosures**

## Optima™ C4 Fiber Optic Closure

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | UOM |
|---|---|---|---|---|
| **020-347-00** | Optima™ C4 (1 Feeder Port) | 12.8"L x 7.5"W x  3"D | 10 lbs. | Each |
| **020-347-01** | Optima™ C4 (2 Feeder Ports) | 12.8"L x 7.5"W x  3"D | 12 lbs. | Each |

**NOTE:** Also available with a Pre-terminated Flatdrop Pigtail.

# OptiDrop™ Drop Cable

Designed to pair perfectly with Multilink's Optima™ Closures, our OptiDrop™ fiber can be ordered pre-terminated in different combinations of length and connector types, so you can customize the perfect assembly for your network. Each drop is tested for insertion loss and quality approved to meet or exceed Telcordia standards.

» Available in both factory polished or field installable variations
» No proprietary connector – standard SC
» Different cable and connector options available on request

🌐 gomultilink.com/categories/fiber-optic-assembly/optidrop

### Specifications

| | |
|---|---|
| **Fiber Count** | 1 |
| **Fiber Category** | Singlemode (OS2) |
| **Connector Type** | SC/APC |
| **Reflectance, Typical** | < -55 dB |
| **Insertion Loss, Typical** | 0.3 dB |
| **Proof Test** | Plug/Cap - Straight Pull - 50 Lbf<br>Plug/Cap - 90° Side Pull - 25 Lbf<br>Plug/Adapter - Tensile Load 100 Lbf |
| **Vibration Test** | 10 to 55Hz at the rate of 45Hz/min. for 2 hours |
| **Cable Torsion** | 10 Cycle of Torsion Loading |
| **Cable Flexing** | 90° Flexing for 8 Cycles, 10 Lbf |

## OptiDrop™ Cable
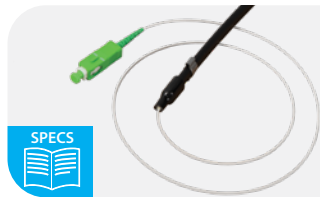
| STOCK ID | DESCRIPTION | CABLE TYPE | LENGTH (FEET) |
|---|---|---|---|
| **066-709-10-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 100 |
| **066-709-15-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 150 |
| **066-709-20-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 200 |
| **066-709-25-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 250 |
| **066-709-30-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 300 |
| **066-709-35-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 350 |
| **066-709-40-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 400 |
| **066-709-45-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 450 |
| **066-709-50-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 500 |
| **066-709-75-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 750 |
| **066-709-100-ML** | SC/APC OptiDrop™ Drop Cable | Flat Drop | 1000 |

SPECS

## OptiDrop™ Field Installable Kit

| STOCK ID | DESCRIPTION | INSTALLATION TIME |
|---|---|---|
| **072-560-10** | SC/APC OptiDrop™ Field Installable Connector Kit | 3 to 5 minutes |

SPECS

# Optima™ Fiber Optic Closure Accessories

🌐 **gomultilink.com/categories/optima**

## Mounting

**STOCK ID - 072-391-21**

Horizontal Tap Bracket Kit

**STOCK ID - 072-579-10**

Verticle Tap Bracket Kit

**STOCK ID - 072-365-10**

Wall  Mount Bracket Kit

## Drop Cable

**STOCK ID - Custom (see page 79)**

OptiDrop™ Factory Terminated

## Drop Cable Repair

**STOCK ID - 072-411-10**

Fiber Drop Gel Splice Kit

**STOCK ID - 072-411-30**

Toneable Fiber Drop Gel Splice Kit

## Surelight® Field Installable Kits

**STOCK ID - 072-560-10**

OptiDrop™ SC/APC Field Installable

**STOCK ID - 072-656-20**

Tool Kit w/ Basic Fiber Cleaver

**STOCK ID - 072-656-21**

Tool Kit w/ High Precision Fiber Cleaver

## Connectivity

**STOCK ID - 10-5378**

SC/APC Duplex Adapter

**STOCK ID - 065-239-10**

LC Quad UPC Adapter

**STOCK ID - 10-5513**

SC/UPC Duplex Adapter

**STOCK ID - 065-419-10**

LC/APC Quad Adapter
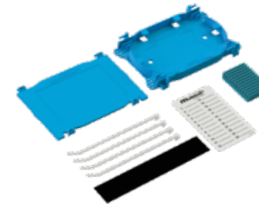
## Splice Tray - for Optima S12

**STOCK ID - 072-394-10**

**1120-SSTP –** 12 port, Single Fiber Splice Tray.
Incorporates a stacking design.

## Splice Tray - for Optima S16

**STOCK ID - 072-059-10**

**1120-SSTP –** Plastic, 12 Single Fusion Splice
Tray with a capacity of 12 Single Fusion Splices,
8 Mechanical Splices, or 48 Mass Fused Fibers,
6.5"L  x 5.13"W x 0.5"D
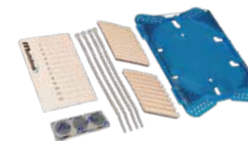
**STOCK ID - 072-059-20**

**1124-SSTP** – Plastic, 12 Single Fusion Splice
Tray with a capacity of 12 Single or 24 Dual
Stacked Fusion Splices (double stacked),
8 Mechanical Splices, or 48 Mass Fused Fibers,
6.5" L x 5.13" W x 0.5" D

## Fiber Tap Plus™ Series

The Fiber Tap Plus™ Series of enclosures is designed for fiber builds where a hardened connector is the preferred method of drop deployment. The Fiber Tap Plus™ Cross Connect (much like the Optima™ S) allows for splicing and the standard FTP's are available as a kit to install your own fiber assembly or with a pre-terminated pigtail. Both the Cross Connect and Fiber Tap Plus™ use industry standard bulkheads that are compatible with an OptiTap™ hardened drop connector. Also available to compliment the FTP is a field installable hardened connector that allows you to do an install using bulk fiber or repair a damaged drop without having to replace the entire drop.  As with the Optima™ series of enclosures, options such a splitter or pigtail can be installed.

» Re-enterable terminal
» Compatible with standard hardened connectors utilized in many existing networks

gomultilink.com/categories/fiber-optic-closures/fiber-tap-series

# FIELD INSTALLABLE  |  COMPACT  |  RE-ENTERABLE

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of this catalog which includes links to spec sheets for noted products [SPECS] and more.

# Fiber Tap Plus™ Subscriber Terminal

Multilink's Fiber Tap Plus™ (FTP) Subscriber Terminal offers flexibility, reliability and compact footprints to encourage fast and easy subscriber drop installation in FTTX applications. Available in 2, 4, 6, 8 and 12 port terminals, the FTP can be ordered in various configurations to meet your network requirements and uses standard OptiTap™ connectors. Hardened connectors and drop assemblies make the FTP highly resistant to wear and tear, and the unique re-enterable housing reduces maintenance costs by allowing for minimal installation and service times.

» Available in 1 or 2 drop feeder ports
» Re-enterable terminal
» Compatible with standard hardened connectors utilized
   in many existing networks

🌐 gomultilink.com/categories/fiber-optic-closures/fiber-tap-series/fiber-tap-plus

**1 Feeder Port for Input from 1 Splice Enclosure**

**2 Feeder Ports for Input from Multiple Splice Enclosures**

## Fiber Tap Plus™ Subscriber Terminal

| STOCK ID | DESCRIPTION | DIMENSIONS | BULKHEAD CONNECTORS | CABLE COMPATIBILITY |
|---|---|---|---|---|
| 020-306-10 | Fiber Tap Plus™ (4 Scout bulkhead adapters, 1 flat drop feeder port) | 4.5"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (1) Flat Drop |
| 020-306-20 | Fiber Tap Plus™ (4 Scout bulkhead adapters, 2 flat drop feeder ports) | 4.5"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (2) Flat Drop |
| 020-306-30 | Fiber Tap Plus™ (4 Scout bulkhead adapters, 1 round drop feeder port) | 4.5"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (1) Round Drop |
| 020-306-40 | Fiber Tap Plus™ (4 Scout bulkhead adapters, 2 round drop feeder ports) | 4.5"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (2) Round Drop |

## Fiber Tap Plus™ Subscriber Terminal

| STOCK ID | DESCRIPTION | DIMENSIONS | BULKHEAD CONNECTORS | CABLE COMPATIBILITY |
|----------|-------------|------------|---------------------|---------------------|
| 020-307-10 | Fiber Tap Plus™ (8 Scout bulkhead adapters, 1 flat drop feeder port) | 5.75"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (1) Flat Drop |
| 020-307-20 | Fiber Tap Plus™ (8 Scout bulkhead adapters, 2 flat drop feeder ports) | 5.75"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (2) Flat Drop |
| 020-307-30 | Fiber Tap Plus™ (8 Scout bulkhead adapters, 1 round drop feeder port) | 5.75"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (1) Round Drop |
| 020-307-40 | Fiber Tap Plus™ (8 Scout bulkhead adapters, 2 round drop feeder ports) | 5.75"H x 6.75"W x 8.75"D | SC/APC OptiTap™ | (2) Round Drop |
| 020-308-10 | Fiber Tap Plus™ (12 Scout bulkhead adapters, 1 flat drop feeder port) | 6.5"H x 9"W x 10.5"D | SC/APC OptiTap™ | (1) Flat Drop |
| 020-308-20 | Fiber Tap Plus™ (12 Scout bulkhead adapters, 2 flat drop feeder ports) | 6.5"H x 9"W x 10.5"D | SC/APC OptiTap™ | (2) Flat Drop |
| 020-308-30 | Fiber Tap Plus™ (12 Scout bulkhead adaprters, 1 round drop feeder port) | 6.5"H x 9"W x 10.5"D | SC/APC OptiTap™ | (1) Round Drop |
| 020-308-40 | Fiber Tap Plus™ (12 Scout bulkhead adaprters, 2 round drop feeder ports) | 6.01"L x 8.99"W x 9.98"D | SC/APC OptiTap™ | (2) Round Drop |
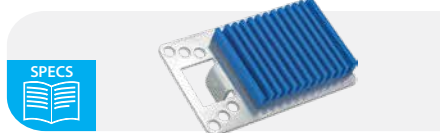
## Splice Chip Holder

| | | |
|---|---|---|
| 072-577-10 | Splice chip and bracket kit | |

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# Pre-Terminated Fiber Tap Plus™ (FTP)

🌐 gomultilink.com/categories/fiber-tap-series



## Pre-Terminated Fiber Tap Plus™

| STOCK ID | DESCRIPTION |
|---|---|
| 020-363-10 | FTP-4P-OT-F-0100F-N-X |
| 020-363-15 | FTP-4P-OT-F-0150F-N-X |
| 020-363-20 | FTP-4P-OT-F-0200F-N-X |
| 020-363-30 | FTP-4P-OT-F-0300F-N-X |
| 020-363-35 | FTP-4P-OT-F-0350F-N-X |
| 020-363-40 | FTP-4P-OT-F-0400F-N-X |
| 020-363-45 | FTP-4P-OT-F-0450F-N-X |
| 020-363-50 | FTP-4P-OT-F-0500F-N-X |
| 020-363-55 | FTP-4P-OT-F-0550F-N-X |
| 020-363-60 | FTP-4P-OT-F-0600F-N-X |
| 020-363-65 | FTP-4P-OT-F-0650F-N-X |
| 020-363-70 | FTP-4P-OT-F-0700F-N-X |
| 020-363-75 | FTP-4P-OT-F-0750F-N-X |
| 020-363-80 | FTP-4P-OT-F-0800F-N-X |
| 020-363-85 | FTP-4P-OT-F-0850F-N-X |

## Pre-Terminated Fiber Tap Plus™

| STOCK ID | DESCRIPTION |
|---|---|
| 020-363-90 | FTP-4P-OT-F-0900F-N-X |
| 020-363-95 | FTP-4P-OT-F-0950F-N-X |
| 020-363-100 | FTP-4P-OT-F-1000F-N-X |
| 020-363-105 | FTP-4P-OT-F-1050F-N-X |
| 020-363-110 | FTP-4P-OT-F-1100F-N-X |
| 020-363-115 | FTP-4P-OT-F-1150F-N-X |
| 020-363-150 | FTP-4P-OT-F-1500F-N-X |
| 020-364-10 | FTP-8P-OT-F-0100F-N-X |
| 020-364-15 | FTP-8P-OT-F-0150F-N-X |
| 020-364-20 | FTP-8P-OT-F-0200F-N-X |
| 020-364-25 | FTP-8P-OT-F-0250F-N-X |
| 020-364-30 | FTP-8P-OT-F-0300F-N-X |
| 020-364-35 | FTP-8P-OT-F-0350F-N-X |
| 020-364-40 | FTP-8P-OT-F-0400F-N-X |
| 020-364-45 | FTP-8P-OT-F-0450F-N-X |

## Pre-Terminated Fiber Tap Plus™

| STOCK ID | DESCRIPTION |
|---|---|
| 020-364-50 | FTP-8P-OT-F-0500F-N-X |
| 020-364-55 | FTP-8P-OT-F-0550F-N-X |
| 020-364-60 | FTP-8P-OT-F-0600F-N-X |
| 020-364-70 | FTP-8P-OT-F-0700F-N-X |
| 020-364-80 | FTP-8P-OT-F-0800F-N-X |
| 020-364-90 | FTP-8P-OT-F-0900F-N-X |
| 020-364-100 | FTP-8P-OT-F-1000F-N-X |
| 020-365-10 | FTP-12P-OT-F-0100F-N-X |
| 020-365-20 | FTP-12P-OT-F-0200F-N-X |
| 020-365-30 | FTP-12P-OT-F-0300F-N-X |
| 020-365-40 | FTP-12P-OT-F-0400F-N-X |
| 020-365-50 | FTP-12P-OT-F-0500F-N-X |
| 020-365-60 | FTP-12P-OT-F-0600F-N-X |
| 020-365-75 | FTP-12P-OT-F-0750F-N-X |
| 020-365-100 | FTP-12P-OT-F-1000F-N-X |

**NOTE:** Other increments available through special order. Also available with toneable pigtails.
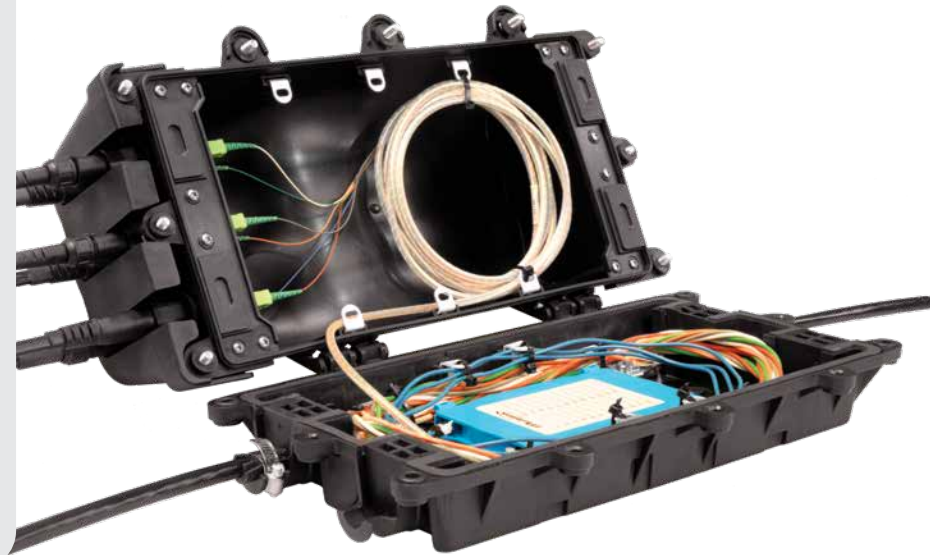
# Fiber Tap Plus™ Cross Connect

Multilink's Fiber Tap Plus™ Cross Connect is very similar to the Optima™ S as it provides a splice enclosure and terminal in one housing. It also has (4) non-captive entrances which allows you to do a ring cut, access only the fibers you need, store the remaining tubes and continue to the next enclosure. The Cross Connect can be ordered with various options such as splitter or pigtail and will accept a range of different fiber cable counts and diameters. Because the Cross Connect uses standard bulkheads it can easily be deployed in an existing fiber build that uses Optitap™ connectors or as an extension to feed a new home. As an added feature (also available in the Optima™ S) we have designed specialized grommets to make the Cross Connect one of the most versatile closures on the market today.

» Provisions for field installations
» Fast drop deployment to the subscriber
» 4, 6, 8 or 12 port bulkhead capacity and 72 splice capacity (double stacked)
» Uses industry standard hardened connectors and bulkheads
» A re-enterable housing

🌐 **gomultilink.com/categories/fiber-optic-closures/fiber-tap-series/ftp-cross-connect**

## Fiber Tap Plus™ Cross Connect

| STOCK ID | DESCRIPTION | DIMENSIONS | BULKHEAD CONNECTORS | CABLE COMPATIBILITY |
|----------|-------------|------------|---------------------|---------------------|
| **020-361-00** | **FTP-CC-4** Fiber Tap Plus™ Cross Connect (4 port termination) | 13.37"L x 7.79"W x 4.38"D | SC/APC OptiTap™ | N/A |
| **020-350-00** | **FTP-CC-6** Fiber Tap Plus™ Cross Connect (6 port termination) | 13.37"L x 7.79"W x 4.38"D | SC/APC OptiTap™ | N/A |
| **020-360-00** | **FTP-CC-8** Fiber Tap Plus™ Cross Connect (8 port termination) | 13.37"L x 7.79"W x 4.38"D | SC/APC OptiTap™ | N/A |
| **020-350-01** | **FTP-CC-12** Fiber Tap Plus™ Cross Connect (12 port termination) | 13.37"L x 7.79"W x 4.38"D | SC/APC OptiTap™ | N/A |

**NOTE:** Grommets sold separately.

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# Fiber Tap™ Series Accessories

gomultilink.com/categories/fiber-optic-closures/fiber-tap-series

## FTP Mounting

**STOCK ID - 072-391-11**

Horizontal Tap Bracket Kit

**STOCK ID - 072-579-20**

Vertical Tap Bracket Kit

## Cross Connect Mounting

**STOCK ID - 072-391-21**

Horizontal Tap Bracket Kit

**STOCK ID - 072-579-10**

Verticle Tap Bracket Kit

**STOCK ID - 072-365-10**

Wall  Mount Bracket Kit

## Drop Cable

**STOCK ID - Custom (see page 87)**

Surelight® H  IP Drop

## Drop Cable

**STOCK ID - 072-411-10**

Fiber Drop Gel Splice Kit

**STOCK ID - 072-411-30**

Toneable Fiber Drop Gel Splice Kit

## H  IP Field Installable Kits

**STOCK ID -
066-458-45 (Flat Drop)
066-458-65 (Round Drop)
066-458-67 (ROC™ Drop)
066-458-85 (SpeedFlex™)**

H IP Field Installable Connectors (see page 128)

**STOCK ID - 072-656-20**

Tool Kit w/ Basic Fiber Cleaver

**STOCK ID - 072-656-21**

Tool Kit w/ High Precision Fiber Cleaver

# Surelight® H IP Fiber Drop Assembly

Multilink's Surelight™ H IP is a fiber drop assembly solution with a factory terminated OptiTap® compatible connector. It pairs with our Fiber Tap Plus™ lineup as well as terminals using OptiTap® bulkheads. The assembly's hardened connector is designed to withstand the elements to offer superior durability and reliability in a connection. Our Surelight™ H IP fiber assemblies are available in multiple fiber lengths to meet the needs of your FTTX drop deployment.

» FTTX Optical Networks
» Compatible with Multilink® Fiber Tap® and Corning® Optitap® Multiport Terminals
» Enviromentally and mechanically stable for OSP applications

🌐 gomultilink.com/categories/fiber-optic-assembly

## Specifications (typical)

| | |
|---|---|
| Fiber Count | 1 |
| Fiber Category | Singlemode (OS2) |
| Connector Type | SC/APC |
| Reflectance, Typical | < -55 dB |
| Insertion Loss, Typical | 0.3 - 0.5 dB |
| Return Loss, Typical | 50 - 55 dB (UPC) 55 - 60 dB (APC) |
| Vibration Test | 10 to 55Hz at the rate of 45Hz/min. for 2 hours |
| Cable Torsion | 10 Cycle of Torsion Loading |
| Cable Flexing | 90° Flexing for 8 Cycles, 10 Lbf |
| Max. Tensile Strength Short Term | 1350 N (300 Lbf) |
| Max. Tensile Strength Long Term | 400 N (90 Lbf) |
| Min. Bend Radius Operation | 80 mm (3.15 in) |
| Standards | Tested to meet IP-68 Tested to meet environmental standards |

## Surelight® H IP Factory Drop Cable

| STOCK ID | DESCRIPTION | CABLE TYPE | LENGTH (FEET) |
|---|---|---|---|
| 066-823-05-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 50 |
| 066-823-10-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 100 |
| 066-823-15-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 150 |
| 066-823-20-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 200 |
| 066-823-25-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 250 |
| 066-823-30-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 300 |

## Surelight® H IP Factory Drop Cable

| STOCK ID | DESCRIPTION | CABLE TYPE | LENGTH (FEET) |
|---|---|---|---|
| 066-823-35-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 350 |
| 066-823-40-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 400 |
| 066-823-50-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 500 |
| 066-823-75-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 750 |
| 066-823-100-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 1000 |
| 066-823-250-ML | Surelight® H IP Factory Drop Cable | Flat Drop | 2500 |

**NOTE:** Standard Footages Listed – Other Footages Available – Toneable also available

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# Slim Tap

Multilink's Slim Tap was developed for use where a minimal amount of connections are needed and space is limited. The housing has a removable adapter panel that allows access to the rear of the connections to check, repair or reseat a connector if a problem arises. The pigtail is available with a variety of different fiber and cable types to match your needs. The Slim tap is ideal for use in a DOT cabinet, closet or anywhere space is a contributing factor.
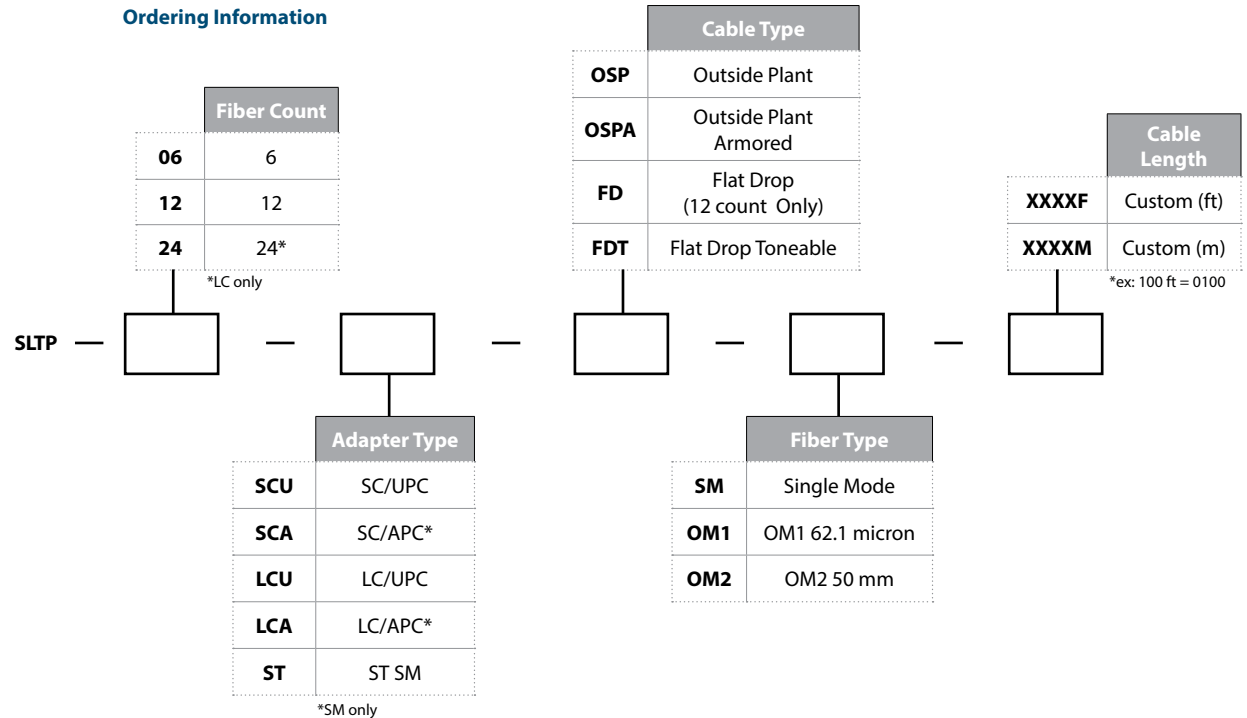
## Slim Tap

| Dimensions | 15"L x 2"W x 2"D (without fiber pigtail) |
|---|---|
| Material/Finish | Powder Coated 16 Guage Steel |
| Application | Above Grade |
| Mounting | Cabinet<br>Wall |

## Ordering Information

| Fiber Count | |
|---|---|
| 06 | 6 |
| 12 | 12 |
| 24 | 24* |

*LC only

| Cable Type | |
|---|---|
| OSP | Outside Plant |
| OSPA | Outside Plant Armored |
| FD | Flat Drop (12 count Only) |
| FDT | Flat Drop Toneable |

| Cable Length | |
|---|---|
| XXXXF | Custom (ft) |
| XXXXM | Custom (m) |

*ex: 100 ft = 0100

SLTP — ☐ — ☐ — ☐ — ☐ — ☐

| Adapter Type | |
|---|---|
| SCU | SC/UPC |
| SCA | SC/APC* |
| LCU | LC/UPC |
| LCA | LC/APC* |
| ST | ST SM |

*SM only

| Fiber Type | |
|---|---|
| SM | Single Mode |
| OM1 | OM1 62.1 micron |
| OM2 | OM2 50 mm |

# Demarcation Points

Multilink's Demarcation Enclosures are built to meet your specific needs. Enclosures are available in plastic, steel, stainless steel and aluminum and are tested for indoor and outdoor use.

## RNI Enclosures

## Wall Mount Enclosures

## Multi-Media Enclosures

## RNI Enclosures

Multilink's series of RNI enclosures sets the standard in demarcation enclosures. Different options are available including the patented Flexgrid™ system, slack brackets, and captive and non-captive entrances. We also offer the ability to patch and splice allowing unparalleled flexibility for almost any application you may have. Our line of demarcation enclosures is ideal for FTTX builds, housing CATV equipment such as splitters and ground blocks, or anywhere a demarcation point is needed to transition from an outside environment to an inside environment. Our enclosures can be customized with options such as logo imprinting so you can be sure your needs are met.

» Captive & non-captive models
» FlexGrid™ mounting system (select models)
» Durable & rugged composition
» Paintable material

**gomultilink.com/categories/demarcation-enclosures/rni-boxes**

*FlexGrid™ equipped boxes are guaranteed to fit any manufacturers splitter footprint. Mounting area of approximately 9" Wide and 6" High provides unsurpassed mounting capability.*

# EASY INSTALL | EASY LOAD | EASY MAINTENANCE

# RNI Enclosures

**Multilink®**
*Simply More...*

## Indoor/Outdoor Wall Enclosures

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CABLE ENTRY | UOM |
|---|---|---|---|---|---|---|
| **Wall Enclosure RNI-200** | | | | | | |
| 020-249-20 | Indoor/Outdoor plastic demarcation enclosure. Has non-captive cable entrances. Uses our patented FlexGrid™ mounting system. Security: Hex Wrench, Pad Lock Fitting | Exterior: 8.47"H x 8.06"W x 3.22"D Interior: 7.650"H x 6.146"W x 2.955"D | 17 lbs. per case | UV Stabilized Plastic | Non-Captive | 24 per case |
| **Wall Enclosure RNI-300** | | | | | | |
| 020-225-20 | Indoor/Outdoor plastic demarcation enclosure. Has captive cable entrances. Uses our patented FlexGrid™ mounting system. Security: Hex Wrench Pad, Lock Fitting | Exterior: 9.37"H x 8.06"W x 3.22"D Interior: 7.650"H x 6.146"W x 2.955"D | 17 lbs. per case | UV Stabilized Plastic | Captive | 24 per case |
| **Wall Enclosure RNI-1000** | | | | | | |
| 020-027-20 | Removable door has dual locking systems and accepts custom logos imprints. Countersunk mounting holes for easy mounting on uneven surfaces. | Exterior: 9.9"H x 10.52"W x 3.27"D Interior: 7.5"H x 8.0"W x 1.75"D | 34 lbs. per case | UV Stabilized Plastic, Gray (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 20 per case |
| **Wall Enclosure RNI-1200** | | | | | | |
| 020-070-20 | Removable door has dual locking systems and accepts custom logos imprints. Countersunk mounting holes for easy mounting on uneven surfaces. Features our patented FlexGrid™ mounting system. Slots accept #6 & #8 screws. | Exterior: 9.9"H x 10.52"W x 5.29"D Interior: 7.5"H x 8.0"W x 4"D | 13 lbs. per case | UV Stabilized Plastic, Gray (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |

SPECS — logo imprint available

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# RNI Enclosures

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## Indoor/Outdoor Wall Enclosures

**Shown Loaded: 020-098-10**

SPECS

logo imprint available

logo imprint available

SPECS

logo imprint available

SPECS

logo imprint available

SPECS

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CABLE ENTRY | UOM |
|---|---|---|---|---|---|---|
| **Wall Enclosure RNI-1500** | | | | | | |
| 020-028-20 | Plastic demarcation enclosure. Removable door has dual locking systems. Countersunk mounting holes for easy mounting on uneven surfaces. | Exterior: 11.88"H x 12.27"W x 4.86"D Interior: 9.5"H x 9.5"W x 3.25"D | 20 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |
| **Wall Enclosure RNI-2000** | | | | | | |
| 020-115-20 | Plastic demarcation enclosure. Features our patented FlexGrid™ mounting system. Mounting area: approximately 9"Wide and 6". Specialized grommet strip for added weatherproofing. Industry standard locking terminal for security of contents. | Exterior: 11.92"H x 12.27"W x 4.91"D Interior: 9.5"H x 9.5"W x 3.25"D | 20 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |
| **Wall Enclosure RNI-2200** | | | | | | |
| 020-180-20 | Plastic demarcation enclosure. Has captive cable entrance. | Exterior: 10.75"H x 10.23"W x 4.52"D Interior: 9.75"H x 9.75"W x 3.75" | 13 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |
| **Wall Enclosure RNI-2500** | | | | | | |
| 020-104-20 | Plastic demarcation enclosure. Features our patented FlexGrid™, guaranteed to fit any manufacturers splitter footprint. Four raised mounting blocks allow for a second level mounting plate to be installed above the base level of the enclosure. Specialized grommets & main cable tie-down location for added security with industry standard locking terminal. | Exterior: 12.95"H x 12.37"W x 4.90"D Interior: 9.75"H x 9.75"W x 3.75"D | 20 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Non-Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |

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*Simply More...*

## Indoor/Outdoor Wall Enclosures

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CABLE ENTRY | UOM |
|---|---|---|---|---|---|---|
| **Wall Enclosure RNI-2600** | | | | | | |
| 020-174-20 | Plastic demarcation enclosure. Features our patented FlexGrid™ mounting system. Mounting area: approximately 9"Wide and 6". Specialized grommet strip for added weatherproofing. Industry standard locking terminal for security of contents. | Exterior: 11.92"H x 12.29"W x 4.91"D Interior: 9.5"H x 9.5"W x 3.25"D | 20 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Non-Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |
| **Multimedia Single Door Plastic Demarcation Enclosure RNI-3600** | | | | | | |
| 30617K | Plastic demarcation enclosure. Removable door has dual locking systems. Countersunk mounting holes for easy mounting on uneven surfaces. Plywood optional. Injection molded available. | 11.5"H x 11.5"W x 5.17"D | 18 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |
| **Multimedia Double Door Plastic Demarcation Enclosure RNI-3620** | | | | | | |
| 30652K | Plastic demarcation enclosure. Removable doors has dual locking systems. Removable plastic insert has 2 knockouts for F-81 hex holes and an open end hex hole in the center of plate for an F-81. Countersunk mounting holes for easy mounting on uneven surfaces. Wall mounted or on a pedestal stake. Plywood optional. Injection molded available. | 13.84"H x 8"W x 4.4"D | 18 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |
| **Single Door Plastic Demarcation Enclosure RNI-3800** | | | | | | |
| 10-8609 | Plastic demarcation enclosure. Removable door has dual locking systems. Countersunk mounting holes for easy mounting on uneven surfaces. Plywood optional. Injection molded available. | 11.92"H x 9.51"W x 6.09"D | 18 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case |

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# RNI Enclosures

gomultilink.com/categories/demarcation-enclosures/rni-boxes

**Simply More...**

## Indoor/Outdoor Wall Enclosures

[SPECS]

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CABLE ENTRY | UOM |
|---|---|---|---|---|---|---|
| **Single Door Plastic Demarcation Enclosure RNI-3900** | | | | | | |
| **10-9899** | Plastic demarcation enclosure. Removable door has dual locking systems. Countersunk mounting holes for easy mounting on uneven surfaces. Plywood optional. Injection molded available. | 12.15"H x 9.55"W x 4.40"D | 18 lbs. per case | Gray UV Stabilized Plastic (can be painted with latex paint) | Captive Multiple Entry Points at Bottom of Enclosure | 10 per case (100 pc minimum) |

## Non-Captive Plastic Demarcation Enclosure (Patent#331-740)

Features removable cover with dual locking system, replaceable hasp and Guard Tower locking terminator.
Custom logos/imprints and injection-molded available as well as customization to your application.

[SPECS]

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | CABLE ENTRY | UOM |
|---|---|---|---|---|---|
| **30125K** | CC-1/JR-T Set Up for Locking Terminator Use | 9.44"H x 5.4"W x 3.1"D | 26 lbs. per case | Non-Captive | 50/Case |
| **30105K** | CC-1/DWB-T | 9.85"H x 6.75"W x 3.7"D | 25 lbs. per case | Non-Captive | 30/Case |
| **30307K** | CC-1/DWB-TS Tamper Proof Screw | 9.85"H x 6.75"W x 3.7"D | 25 lbs. per case | Non-Captive | 30/Case |
| **30155K** | CC-1/110-T Set Up for Locking Terminator Use | 11"H x 7.0"W x 4.25"D | 38 lbs. per case | Non-Captive | 30/Case |
| **31440** | C-1PC Terminator Cap for CC-1 Enclosures - Gray | N/A | N/A | N/A | Each |

## Non-Captive Plastic Demarcation Enclosure SDU-9134 (Single Dwelling Unit)

The SDU is more than a plastic enclosure. The innovative, NON-CAPTIVE design speeds the upgrade installation time of installing a new demarcation enclosure without disconnecting the customer's service. Features removable cover with dual locking system, replaceable hasp and Guard Tower locking terminator. Custom logos/imprints and injection-molded available as well as customization to your application.

[SPECS]

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | CABLE ENTRY | UOM |
|---|---|---|---|---|---|
| **30211K** | SDU-9134 Set up with replaceable hasp and locking terminator security post | 13.85"H x 9.31"W x 4"D | 19 lbs. per case | Non-Captive | 10/Case |
| **30222K** | SDU-9134 Set up with replaceable hasp and locking terminator security post - Features Deep Lid | 13.85"H x 9.31"W x 5"D | 16 lbs. per case | Non-Captive | 8/Case |

SDU-9134 features tamper proof screws 10/Case

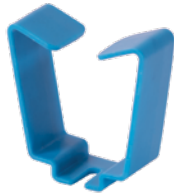## Riser Tubing

[SPECS]

| STOCK ID | DESCRIPTION | DIMENSIONS | UOM |
|---|---|---|---|
| **31701** | Slit Back Snap-On Style Riser Tubing | 6'L x .5" ID x .875" OD | 60/Case |
| **31705** | 578-RT Solid Body Riser Tubing | 6'L x .5" ID x .875" OD | 60/Case |
| **649-363-10** | Slit Back Snap-On Style Riser Tubing | 9'L x .5" ID x .875" OD | 70/Case |
| **31702** | Mounting Strap for Riser Tubing | 0.875" | Each |

## Slack Holder – RNI 200 & RNI 300 Only

**STOCK ID – 649-256-10**

Mountable slack storage holder

## Splice Chip

**STOCK ID – 649-257-10**

6 Position Splice Sleeve

## Splice Chip Holder

**STOCK ID – 649-255-10**

Mountable bracket utilized as a splice holder

## Flat Drop Grommet Kit for RNI 300

**STOCK ID – 072-730-10**

3/4" NPT Fitting and Grommet Kit

## Grommet Inserts for 3/4" NPT Fittings

| STOCK ID | 10-8084 | 10-8087 | 10-8085 | 10-8090 | 10-8092 | 10-8091 | 10-8088 | 10-9999 | 642-066-10 |
|---|---|---|---|---|---|---|---|---|---|
| 10 PACK ID | 10-8096 | 10-8106 | 10-8097 | 10-8109 | 10-8111 | 10-8110 | 10-8107 | 10-5414 | N/A |
| # OF PORTS | 4 | 4 | 3 | 3 | 3 | 2 | 1 | 1 | 1 |
| CABLE SIZE | .20"-.24" | .16"-.20" | .24"-.28" | .16"-.20" | Flat Drop | .25"-.29" | .27"-.31" | .32"-.46" | Flat |
| WEIGHT | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. |

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# Slack Storage Box

Multilink's OSP slack storage box is ideal for exterior slack storage applications using small diameter fiber cable. There are two stackable storage spools that allow storage of multiple single fiber cable drops. Both of these spools are removable, which allows additional storage under the spool. This includes three entry points sealed with removable cap plugs, or it can be ordered without holes. The diameter of each entry hole is 1". The box is equipped with a hex bolt, including a retainer that can be secured using a standard 216C type wrench. In addition to the above, the box is also equipped with a provision for a hasp lock. A built-in hinge allows captive and non-captive flexibility.

🌐 **gomultilink.com/categories/raceway-molding/plastic-molding-accessories**

## Slack Storage Box

| STOCK ID | DESCRIPTION | DIMENSIONS | COLOR | CABLE TYPE | UOM |
|---|---|---|---|---|---|
| **Fiber Optic Exterior Slack Storage Box** | | | | | |
| **020-004-23** | Slack Box, Exterior with 3, 1" holes | 4.8" L x 4.8" W x 2.2" D | Ivory | 3mm Fiber Optic Cable | Each |
| **020-004-24** | Slack Box, Exterior without holes | 4.8" L x 4.8" W x 2.2" D | Ivory | 3mm Fiber Optic Cable | Each |
| **Fiber Optic Exterior Slack Storage Box** | | | | | |
| **10-9433** | MRS-3TB-LW | 3.95"L x 3.95"W x 1.19"D | Linen White | | Each |
| **10-9434** | MRS-3TB-IV | 3.95"L x 3.95"W x 1.19"D | Ivory | | Each |
| **Fiber Optic Exterior Slack Storage Box** | | | | | |
| **020-026-10** | MRS-6TB-LW | 5.00"L x 5.00"W x 2.00"D | Linen White | | Each |
| **020-026-11** | MRS-6TB-IV | 5.00"L x 5.00"W x 2.00"D | Ivory | | Each |
| **Telephony Demarcation Enclosure ML-200** | | | | | |
| **10-6897** | Plastic demarcation enclosure. Wall or pole mountable with integrated security features. Hinged cover for ease in access. Corrosion and weatherproof for outdoor applications. Impact resistant and UV resistant for maximum field survivability. | 5.0"H x 3.24"W x 2.5"D | | | Each |

**(Knockouts For MRM75, MRC75 & Single Fiber Raceway)**

**(Knockouts For MRM75, MRC75, MRM12 & MRC12)**

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# AM Series Junction Boxes

🌐 gomultilink.com/categories/fiber-optic-closures/fiberglass-enclosures

## Junction Box With Lift Off Screw Cover

| | PART# | DESCRIPTION | DIMENSIONS | MATERIAL | UOM |
|---|---|---|---|---|---|
| SPECS | 10-9001 | AM 664 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 6.1" L x 6.1" W x 4.18" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9002 | AM 864 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 8" L x 6.12" W x 4.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9003 | AM 1084 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 10.13" L x 8.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9004 | AM 1086 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 10.13" L x 8.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9005 | AM 1206 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 12.13" L x 10.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9006 | AM 1426 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 14.13" L x 12.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9007 | AM 1648 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 16.27" L x 14.4" W x 8.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9008 | AM 1868 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 18.4" L x 16.4" W x 8.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9009 | AM 2068 SERIES JIC Size Junction Boxes With Lift Off Screw Cover | 20" L x 16" W x 8.13" D | Ultraguard® Fiberglass reinforced polyester | Each |

## Junction Box With Lift Off Screw Cover

| | PART# | DESCRIPTION | DIMENSIONS | MATERIAL | UOM |
|---|---|---|---|---|---|
| SPECS | 10-9010 | AM 664L SERIES JIC Size Junction Boxes With Hinged Cover | 6.1" L x 6.1" W x 4.18" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9011 | AM 864L SERIES JIC Size Junction Boxes With Hinged Cover | 8" L x 6.12" W x 4.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9012 | AM 1084L SERIES JIC Size Junction Boxes With Hinged Cover | 10.13" L x 8.26" W x 4.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9013 | AM 1086L SERIES JIC Size Junction Boxes With Hinged Cover | 10.13" L x 8.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9014 | AM 1206L SERIES JIC Size Junction Boxes With Hinged Cover | 12.13" L x 10.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9015 | AM 1426L SERIES JIC Size Junction Boxes With Hinged Cover | 14.13" L x 12.26" W x 6.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9016 | AM 1648L SERIES JIC Size Junction Boxes With Hinged Cover | 16.27" L x 14.4" W x 8.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9017 | AM 1868L SERIES JIC Size Junction Boxes With Hinged Cover | 18.4" L x 16.4" W x 8.13" D | Ultraguard® Fiberglass reinforced polyester | Each |
| SPECS | 10-9018 | AM 2068L SERIES JIC Size Junction Boxes With Hinged Cover | 20" L x 16" W x 8.13" D | Ultraguard® Fiberglass reinforced polyester | Each |

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# Raceway Molding

Multilink's line of Raceway Molding is an economical solution for fast, easy installation and is ideal for MDU's, hospitals, churches or anywhere cables need to be surface mounted. Our in-depth line of Raceway includes both interior and exterior grades as well as our patented downspout molding. For a full list of molding please visit **gomultilink.com/categories/raceway-molding** or request an in-depth catalog.

**gomultilink.com/categories/raceway-molding**

## Downspout Exterior Raceway System

Provides a simple solution to cover up any wiring or piping that runs along your exterior walls and is architecturally pleasing.

## Cove Molding

Category 5, 5E and 6, 1" Bend Radius Compliant

## Sercurity Locking Molding

3" bend radius meets coax drop cable return path bend radius standards.

## Quarter Round Molding

Designed to house cabling where the wall meets the floor or the wall meets the ceiling. The cover is hinged, and the accessory pieces snap over the outside of the raceway for ease of installation. The molding transitions to Multilink's standard MRM-75 latch duct and square moldings by use of the "T" fitting.

## Overlay Molding

Designed to be installed over an existing provider's molding system. A two piece design allows for access to the first molding system without disconnecting any cables. It snaps onto the base mounted below the existing molding and "covers up" the existing molding and the new base. With a smooth co-extruded flexible cable keeper it won't damage any cables during installation or removal.
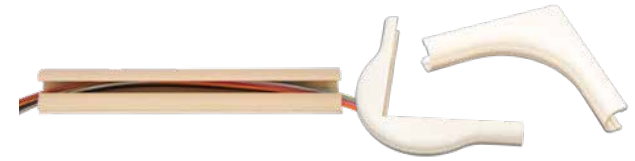
## Micro Molding™

Multilink's Micro Molding™ is a compact design for Multi Dwelling Units (MDU's) like apartment complexes or hotels and commercial fiber building applications for interior use. The Micro Molding™ is designed to house up to 12 900µm fibers.

## Multilink Latch Duct MultiRaceway

The MRM Series Latch Duct Raceway is an adhesive backed, highly flexible, one piece design that installs quickly and easily. All fittings incorporate a minimum of 1" bend radius, maintaining end to end connectivity even when filled to capacity or pulled through raceway.

## Steel Molding

Tuff Top Coating for Olympic Steel Molding
Category 5, 5E & 6, 1" Bend Radius Compliant

## Wall Mount Fiber Enclosure

The Multilink series of wall mounted optical termination enclosures are designed to provide solutions for both the interconnection of patch cabling and a combination of patching and splicing. The series accommodates up to 17 termination panels. Depending on the type of optical termination panel used, enclosures can support up to 288 terminations. Our Wall Mount Fiber Enclosures are separated into several application specific groups to support the level of termination capacity and feature sets required for the enclosure's mount location.

» Durable steel or aluminum with a polyester powder coat finish
» Additional measures of security with various door and lock options available
» Individual compartments for separation of network and distribution terminations
» Available with loaded termination panels and pre-connectorized pigtails

🌐 **gomultilink.com/categories/wall-mount**

# EASY INSTALL | EASY LOAD | EASY MAINTENANCE

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# Wall Mount Configurator

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## Wall Mount FDU Configurator

ML - ☐ — ☐ — ☐ — ☐ — ☐ — ☐ — ☐ — ☐

ML - 02 - 24 - B - ST6 - DST - 003 - 21 - 12

**Translates:**
FWM-4X-LC, 24 loaded ports, Black, ST 6 Port Multimode, Distribution Cable, 3 meters in length, equipped with 2 of the 1120-SSTA trays, 12 Splices per tray

**Wall Mount Shown:**
**045-780-00** with optional CT-X Cassttes

| Enclosure Type | # Of Conn. | Color | Adapter | Pigtail | Length (Meters) | Splice Tray*** | Splice Count |
|---|---|---|---|---|---|---|---|
| **WALL MOUNTS** | | | | | | | |
| **01** FWM-2X-LC | **006** | **B**-Black | **SCS**=SC Simplex MM | **00**=None | **00X**** | **X1**=1120-SSTA | 12 |
| **02** FWM-4X-LC | **012** | **O**-Off White | **SCD**=SC Duplex MM | **T9**=900µm (spiral wrap) | | **X2**=2000-SSTA | 24 |
| **05** FF-WM-2X | **018** | **BE**-Beige* | **SUS**=SC Simplex SM | **T3**=3mm | | **X3**=2020-SSTP | 24 |
| **06** FF-WM-4X | **024** | **G**-Gray* | **SUD**=SC Duplex SM | **MD**=Module | | **X4**=4048-SSTP | 24 |
| **08** FWM-4X-D | **030** | | **SAS**=SC/APC Simplex SM | **OSP**=OSP Dielectric Cable | | **X5**=4072-SSTP | 36 |
| **09** FWM-9X-D | **036** | | **SAD**=SC/APC Duplex SM | **OSA**=OSP Armored Cable | | **X6**=3000-SSTA | 24 |
| **53** FF-OCS-4X | **042** | | **SGS**=SC Simplex 10Gig | **RBN**=Ribbon | | **X7**=3030-SSTP | 24 |
| **11** FF-OCS-6X | **048** | | **SGD**=SC Duplex 10Gig | **DST**=Distribution Cable | | **X8**=612-SSTP | 12 |
| **22** FWM-2X-N4 | **054** | | | (Riser Rated) | | **X9**=1120-SSTP | 12 |
| **23** FWM-2X-N4D | **060** | | **FC**=FC MM | | | **X10**=1124-SSTP | 12 |
| **24** FWM-4X-N4D | **066** | | **FU**=FC SM | | | | |
| **25** FWM-12X-N4D | **072** | | **FA**=FC/APC | | | | |
| **26** WM-2X (Multilite) | **096** | | | | | "X"Denotes | |
| **27** WM-4X (Multilite) | **144** | | **LCAD**=LC/APC Duplex SM | | | number of trays | |
| **28** WM-8X (Multilite) | **288** | | **LCAQ**=LC/APC Quad SM | | | | |
| **29** FF-WM-8X | | | **LCPD**=LC Duplex MM | | | | |
| **32** FWM-1X-BK | | | **LCPQ**=LC Quad MM | | | | |
| **33** FWM-1X-SP-BK | | | **LCUD**=LC Duplex SM | | | | |
| **35** FWM-2X-PH | | | **LCUQ**=LC Quad SM | | | | |
| **37** RNI-1000 | | | **LCGD**=LC Duplex 10 Gig | | | | |
| **38** RNI-1500 | | | **LCGQ**=LC Quad 10 Gig | | | | |
| **43** RNI-1200 | | | | | | | |
| **45** RNI-2500 | | | **ST6**=ST 6 port MM | | | | |
| **49** FWP-4SC-4SP | | | **ST8**=ST 8 port MM | | | | |
| **50** FWP-16SC-24SP | | | **ST12**=ST 12 port MM | | | | |
| **51** FWP-8SC-12SP | | | **SM6**=ST 6 port SM | | | | |
| **62** FWM-2X-BK (Signature) | | | **SM8**=ST 8 port SM | | | | |
| **63** FWM-4X-BK (Signature) | | | **SM12**=ST 12 port SM | | | | |
| **64** FWM-8X-BK (Signature) | | | | | | | |
| **65** FWM-12X-BK (Signature) | | | | | | | |

\*    Only available in specified boxes.
     Refer to catalog descriptions.
\*\*   Feet divided by 2.54 and rounded up to the full meter.
\*\*\*  Align with unit type.

## Standard Single Outer Door Fiber Distribution Units

Multilink wall mount enclosures are designed to provide connectivity and distribution solutions. Enclosures are divided into several groups to meet application specific requirements such as Construction Grade, Single Door, Dual Door, Added Security, NEMA 4 and NEMA 12. Products with your customized logo are available for OEM and other applications. Units are available in standard black or off white unless specified.

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CAPACITY | SPLICE TRAY |
|---|---|---|---|---|---|---|
| **MultiLite Construction Grade Fiber Distribution Units – WM-2X  (ML-26)** | | | | | | |
| **10-7944 Black Only** | Wall mount single outer door construction grade distribution unit with 2 termination panel capacity | 9.25"H x 13"W x 3.5"D | 7 lbs. | 18 GA Powder Coated Steel | (2) Panels | (2) 1120-SSTP |
| **MultiLite Construction Grade Fiber Distribution Units – WM-4X  (ML-27)** | | | | | | |
| **10-7945 Black Only** | Wall mount single outer door construction grade distribution unit with 4 termination panel capacity | 11.5"H x 13"W x 3.5"D | 8 lbs. | 18 GA Powder Coated Steel | (4) Panels | (4) 1120-SSTP |
| **MultiLite Construction Grade Fiber Distribution Units – WM-8X  (ML-28)** | | | | | | |
| **10-7790 Black Only** | Wall mount single outer door construction grade distribution unit with inner network compartment security door and 8 termination panel capacity | 12"H x 17"W x 6"D | 15 lbs. | 18 GA Powder Coated Steel | (8) Panels | (8) 1120-SSTP |

*Adapter Panels Not Included In Units

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# Wall Mount Fiber Enclosure – Standard Series

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## Standard Single Outer Door Fiber Distribution Units

| STOCK ID | | DESCRIPTION | DIMENSIONS | PANELS | MATERIAL | CAPACITY |
|---|---|---|---|---|---|---|
| **Standard Single Outer Door FDU   FWM-1X  (ML-32)** | | | | | | |
| 045-164-10 | FWM-1X-BK, Black | Compact indoor wall mount enclosure for inter connectivity and termination of optical fibers | 6.30"H x 5.50"W x 1.57"D | (1) Multilink Adapter Panels (see individual panel capacities) | 18 Gauge Powder Coated Steel | (1) Fiber Spool |
| 045-164-11 | FWM-1X-OW, Off White | | | | | |

| STOCK ID | | DESCRIPTION | DIMENSIONS | PANELS | MATERIAL | CAPACITY |
|---|---|---|---|---|---|---|
| **Standard Single Outer Door FDU   FWM-1X-SP  (ML-33)** | | | | | | |
| 045-187-10 | FWM-1X-SP-BK, Black | Compact indoor wall mount enclosure for inter connectivity and termination of optical fibers | 6.30"H x 5.50"W x 1.57"D | (1) Multilink Adapter Panel (see individual panel capacities) | 18 Gauge Powder Coated Steel | (12) Single Splice Holder |
| 045-187-11 | FWM-1X-SP-OW, Off White | | 6.30"H x 5.50"W x 1.57"D | | | |
| 045-349-20 | FWM-1X-SP-EXT, Black | | 9.0"H x 6.50"W x 1.57"D | | | |
| 046-025-10 | FWM-2X-SP-BK, Black | | 6.30"H x 5.50"W x 2.5"D | (2) Panels | | |

| STOCK ID | | DESCRIPTION | DIMENSIONS | | | |
|---|---|---|---|---|---|---|
| **DIN Rail Mounting Kit** | | | | | | |
| 072-188-20 | Black | Din rail mounting kit *(compatible w/ FWM-1X)* | 6.30"H x 5.50"W x 1.57"D | | | |

| STOCK ID | | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CAPACITY |
|---|---|---|---|---|---|---|
| **Standard Single Outer Door FDU   FWM-2X-PH  (ML-35)** | | | | | | |
| 045-178-10 | Black | Compact indoor wall mount enclosure for inter connectivity and termination of optical fiber | 10"H x 8.22"W x 3.81"D | 15 lbs. | 16 Gauge Powder Coated Steel | (2) Multilink Adapter Panels |
| 045-178-11 | Off White | | | | | |

*Adapter Panels Not Included In Units

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## Standard Lockable Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CAPACITY | SPLICE TRAY |
|---|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure   FWM-2X-LC   (ML-01)** | | | | | | |
| **10-2012 (Black)** **10-2730 (Off White)** | Wall mount single outer door distribution unit with inner network compartment security door and 2 termination panel capacity | 10.2"H x 12"W x 3.5"D | 8 lbs. | 16 Gauge Powder Coat Steel | (2) Panels | (2) 1120-SSTP |
| **Wall Mount Fiber Enclosure   FWM-4X-LC  (ML-02)** | | | | | | |
| **10-1914 (Black)** **10-2714 (Off White)** | Wall mount single outer door distribution unit with inner network compartment security door and 4 termination panel capacity | 12"H x 12"W x 3.5"D | 9 lbs. | 16 Gauge Powder Coat Steel | (4) Panels | (4) 1120-SSTP |
| **Wall Mount Fiber Enclosure   FWM-4X-D (ML-08)** | | | | | | |
| **99024BK (Black)** **99024K (Off White)** | Wall mount dual outer door distribution unit with lockable network compartment door and 4 termination panel capacity | 10.8"H x 12"W x 4"D | 10 lbs. | 16 Gauge Powder Coat Steel | (4) Panels | (4) 1120-SSTP |
| **Wall Mount Fiber Enclosure   FWM-9X-D (ML-09)** | | | | | | |
| **10-5283 (Black)** **10-5281 (Off White)** | Wall mount dual outer door distribution unit with lockable network and distribution compartment doors and 9 termination panel capacity | 17"H x 21.2"W x 5"D | 23 lbs. | 16 Gauge Powder Coat Steel | (9) Panels | (4) 2000-SSTA |

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*\*Adapter Panels Not Included In Units*

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# Wall Mount Fiber Enclosures – Dual Door Series

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## Added Security Dual Door Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CAPACITY | SPLICE TRAY |
|---|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure  FF-WM-2X   (ML-05)** | | | | | | |
| **10-4469 (Black)** <br><br> **10-6707 (Off White)** | Compact wall mount dual outer door distribution unit with 2 termination panel capacity and integrated network compartment and removable-style locking door | 6"H x 12"W x 5.5"D | 8 lbs. | 16 Gauge Powder Coat Steel | (2) Panels | (2) 1120-SSTP |
| **Wall Mount Fiber Enclosure  FF-WM-4X   (ML-06)** | | | | | | |
| **10-4462 (Black)** <br><br> **10-6706 (Off White)** | Compact wall mount dual outer door distribution unit with 4 termination panel capacity and integrated network compartment work shelf and removable-style locking door | 12"H x 14.3"W x 4.9"D | 12 lbs. | 16 Gauge Powder Coat Steel | (4) Panels | (2) 1120-SSTP |
| **Wall Mount Fiber Enclosure  FF-WM-8X   (ML-29)** | | | | | | |
| **045-030-10 (Black)** <br><br> **045-030-11 (Off White)** | Compact wall mount dual outer door distribution unit with 8 termination panel capacity and integrated network compartment work shelf and removable-style locking door | 16"H x 20"W x 6.5"D | 24 lbs. | 16 Gauge Powder Coat Steel | (8) Panels | (4) 2000-SSTA |

*Adapter Panels Not Included In Units

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## Wall Mount Signature Series

**Shown with optional CT-X Cassttes**

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**Shown with optional CT-X Cassttes**

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**Shown with optional CT-X Cassttes**

SPECS 📖

**Shown with optional CT-X Cassttes**

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| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CAPACITY |
|---|---|---|---|---|---|
| **Wall Mount Signature Series   FWM-2X-BK   (ML-62)** | | | | | |
| 045-788-00 | Wall Mount Single outer door distribution unit with lockable network compartment door. Bulkhead options available to integrate (2) FTM modules or (2) CT-X cassettes. | 14"W x 10.95"H x 4.3"D | 10 lbs. | 16 Gauge Powder Coat Steel | (2) CT-X Cassettes or (2) FTM Modules |
| **Wall Mount Signature Series   FWM-4X-BK   (ML-63)** | | | | | |
| 045-776-00 | Wall Mount Single outer door distribution unit with lockable network compartment door. Bulkhead options available to integrate (4) FTM modules or (4) CT-X cassettes. | 14"W x 13.95"H x 4.3"D | 11 lbs. | 16 Gauge Powder Coat Steel | (4) CT-X Cassettes or (4) FTM Modules |
| **Wall Mount Signature Series   FWM-8X-BK   (ML-64)** | | | | | |
| 045-780-00 | Wall Mount Single outer door distribution unit with lockable network compartment door. Bulkhead options available to integrate (8) FTM modules or (8) CT-X cassettes. | 14"W x 13.95"H x 7.51"D | 12 lbs. | 16 Gauge Powder Coat Steel | (8) CT-X Cassettes or (8) FTM Modules |
| **Wall Mount Signature Series   FWM-12X-BK   (ML-65)** | | | | | |
| 045-794-00 | Wall Mount Single outer door distribution unit with lockable network compartment door. Bulkhead options available to integrate (12) FTM modules or (12) CT-X cassettes. | 24"W x 23"H x 7.66"D | 15 lbs. | 16 Gauge Powder Coat Steel | (12) CT-X Cassettes or (12) FTM Modules |

*\*Bulkheads not included. Must be specified at time of order.*

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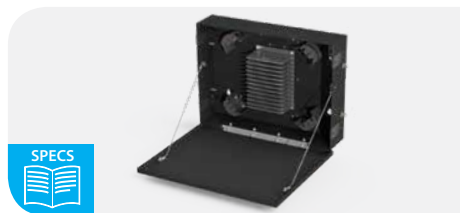# Wall Mount Fiber Enclosures – Splice Series

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## Splice Tray Management & Storage Units

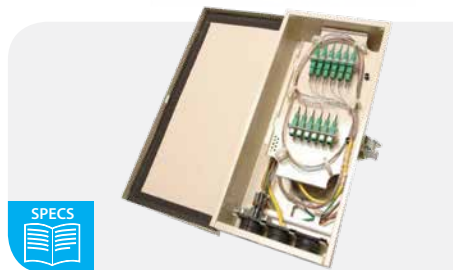| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | SPLICE TRAY |
|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure   FWE-288-XH** | | | | | |
| **045-063-10 (Black Only)** | Economy 288 port wall mount unit, double door | 17"H x 21.2"W x 5"D | 23 lbs. | 16 Gauge Powder Coat Steel | (12) 2000-SSTA or 2020-SSTP |
| **Wall Mount Fiber Enclosure   FWM-4 FWE-288-XH  X-LC  (Single Door) (ML-67)** | | | | | |
| **045-771-10 (Black Only)** | Economy 288 port wall mount unit with drop down door | 17.3"H x 22.5"W x 5"D | 23 lbs. | 16 Gauge Powder Coat Steel | (12) 2000-SSTA or 2020-SSTP |
| **Wall Mount Fiber Enclosure   OSE 384/576** | | | | | |
| **045-009-10 / OSE 384/576 (Black) 045-009-11 / OSE 384/576 (Off White)** | Wall mounted central splicing and cable management enclosure | 32"H x 30"W x 15.25"D | 47 lbs. | .080" Aluminum | (16) 4048-SSTP or (16) 4072 SSTP |

*Splice Trays and Fiber Not Included In Units

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## Splice Tray Management & Storage Units

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | CAPACITY | SPLICE TRAY |
|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure   FWM-0X-N1-3** | | | | | |
| **045-139-10 (Beige Only)** | Wall mount splice tray storage and distribution unit with padlockable and removable outer door. 3 Splice trays included. | 17.5"H x 9"W x 4"D | 16 Gauge Powder Coat Steel | (3) Splice Trays | 1120-SSTP 1120-SSTA |
| **Wall Mount Fiber Enclosure   FWM-8184** | | | | | |
| **045-706-10 (Beige Only w/ 1 4048 Splice Tray)** | Wall mount splice tray storage and distribution unit with screw-down, removable outer door. | 19.15"H x 8.25"W x 4"D *(excluding mounting bracket)* | 16 Gauge Powder Coat Steel | (4) Splice Trays | (4) 4048-SSTP |
| **Wall Mount Fiber Enclosure   FWM-8204** | | | | | |
| **045-751-10 (Beige Only w/ 4 4072 Splice Trays)** | Wall mount splice tray storage and distribution unit with screw-down, removable outer door. | 21.15"H x 8.25"W x 4"D *(excluding mounting bracket)* | 16 Gauge Powder Coat Steel | (4) Splice Trays | (4) 4072-SSTP |
| **Wall Mount Fiber Enclosure   FWM-2X-N1 (with termination panel) (ML-22)** **Wall Mount Fiber Enclosure   FWM-0X-N1 (without termination panel) (ML-22)** **Wall Mount Fiber Enclosure   ICM-2X (optional termination panel) (ML-22)** | | | | | |
| **10-4870 - FWM-2X-N1 (Beige Only)** **10-9867 - FWM-0X-N1 (Beige Only)** **10-7812 - ICM-2X** | **NEMA Type 1** – Wall mount distribution unit with lockable and removable single outer door. Available as a 2 panel termination and splice unit or splice-only unit | 17.5"H x 9"W x 4"D | 16 Gauge Powder Coat Steel | (2) Panels | (2) 1120-SSTP (4 trays if no termination panel unit used) |

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# Wall Mount Fiber Enclosures – NEMA 4 Metal

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## Outdoor Style Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | CAPACITY | SPLICE TRAY | COMPLIANCES |
|---|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure NEMA 4   FWM-2X-N4D (ML-23)** | | | | | | |
| 045-060-10 (Beige Only) | Wall mount single outer door distribution unit with lockable network compartment door and 2 termination panel capacity | 14"H x 15"W x 8.1"D | .08" Powder Coated Aluminum | (2) Panels | (2) 1120-SSTP | NEMA Type 1, 4 (Mounting kit required for NEMA 4 compliance) |
| **Wall Mount Fiber Enclosure NEMA 4   FWM-4X-N4D (ML-24)** | | | | | | |
| 045-080-10 (Beige Only) | Wall mount single outer door distribution unit with lockable network compartment door and 4 termination panel capacity | 16"H x 17"W x 9.1"D | .08" Powder Coated Aluminum | (4) Panels | (4) 2000-SSTA (4) 1120-SSTP | NEMA Type 1, 4 (Mounting kit required for NEMA 4 compliance) |
| **Wall Mount Fiber Enclosure NEMA 4   FWM-12X-N4D (ML-25)** | | | | | | |
| 045-042-10 (Beige Only) | Wall mount single outer door distribution unit with lockable network compartment door and 12 termination panel capacity | 20"H x 21.2"W x 11.3"D | .08" Powder Coated Aluminum | (12) Panels | (6) 3000-SSTA | NEMA Type 1, 4 (Mounting kit required for NEMA 4 compliance) |

*Adapter Panels, Fiber and Splice Trays not included in units
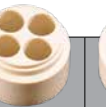
## Outdoor Style Fiber Distribution Units
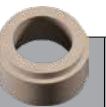
| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | MATERIAL | CAPACITY | SPLICE TRAY |
|---|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure NEMA 4   FF-OCS-4X (ML-53)** | | | | | | |
| **045-741-10 (Gray Only)** | Wall mounted NEMA 1, 2, 3, 4, 4X, 12, and 13 rated enclosure with a single outer door and inner network security door. Field drilled cable entries using standard weather tight conduit fittings. | 15.84"H x 13.85"W x 6.79"D | 10 lbs. | Impact and Weather Resistant Plastic | (4) Panels | (4) 1120-SSTP |
| **Wall Mount Fiber Enclosure NEMA 4   FF-OCS-6X (ML-11)** | | | | | | |
| **10-3338 (Gray Only)** | Wall mounted NEMA 1, 2, 3S, 4, 4X, 12 & 13 rated enclosure with a single outer door and inner network security door. Field drilled cable entries using standard weather tight conduit fittings. | Outside - 18"H x 16"W x 10"D Inside - 16"H x 14"W x 7"D | 10 lbs. | Impact and Weather Resistant Plastic | (6) Panels | (4) 1120-SSTP or 3000-SSTA |
| **Cable Addition Kit** | | | | | | |
| **065-016-10** | Cable Addition Kit for Branch or Lateral Cable Additions, .3"- .98" | | | | | |

Lockable Draw-Latch

| STOCK ID | 10-5552 | 10-5127 | 10-5128 | 10-6550 | 10-5129 | 10-6552 | 10-6002 | 10-5130 | 10-5134 | 065-082-10 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 PACK ID | 10-5553 | 10-5421 | 10-5422 | 10-6551 | 10-5419 | 10-6553 | 10-6003 | 10-5483 | 10-5420 | N/A |
| # OF PORTS | 1 | 1 | 1 | 8 | 6 | 4 | 4 | 4 | 4 | 1-SC |
| CABLE SIZE | .3"-.4" | .41"-.5" | .51"-.79" | .150" | .265 | .300 | .350 | .370 | Flat Drop | SC Outdoor |
| WEIGHT | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .5 lbs. | .2 lbs. |

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# Fiber Distribution Units – Indoor/Outdoor

gomultilink.com/categories/wall-mount

## Outdoor Style Fiber Distribution Units

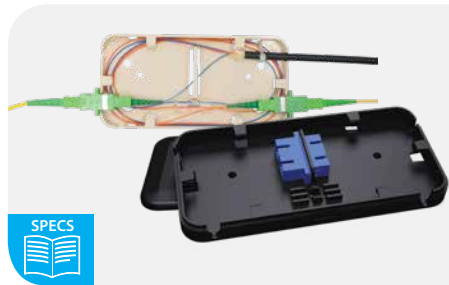| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | CAPACITY | CABLE ENTRY |
|---|---|---|---|---|---|
| **Wall Mount Fiber Enclosure RNI-1500 w/ Fiber Distribution Configuration   (ML-38)** | | | | | |
| **020-098-10 (Gray Only)** | Indoor/Outdoor Plastic Wall Enclosure RNI-1500 | 11.88"H x 12.27"W x 4.86"D | UV Stabilized Plastic, Gray (can be painted with latex paint) | (2) Adapter Panels and (2) 612 Splice Trays | Multiple Entry Points at Bottom of Enclosure |
| **Wall Mount Fiber Enclosure RNI-2500   (ML-45)** | | | | | |
| **020-104-50** | Indoor/Outdoor Plastic Wall Enclosure RNI-2500 | 16"H x 17"W x 9.1"D | UV Stabilized Plastic, Gray (can be painted with latex paint) | (2) Adapter Panels and (2) 612 Splice Trays | Multiple Non-Captive Entry Points at Bottom of Enclosure |
| **Wall Mount Fiber Enclosure FWP-8SC-12SP   (ML-51)** | | | | | |
| **020-118-20** | Wall mounted, plastic distribution unit with removable cover and swing out splice panel. | 8.3"H x 6.9"W x 2"D | Plastic | (8) SC Connections Integrated 12 Fiber Splice Tray | (3) 1/2" Compression Fittings |
| **Wall Mount Fiber Enclosure FWP-16SC-24SP   (ML-50)** | | | | | |
| **020-120-20** | Wall mount distribution box with flip-up patch panel, and fixed splice tray below | 12"H x 10.25"W x 3.75"D | Plastic | (16) SC Connections Integrated 24 Fiber Splice Tray | 2 Main 16 Drop |

*Adapters, Adapter Panels, and Fiber not included in units
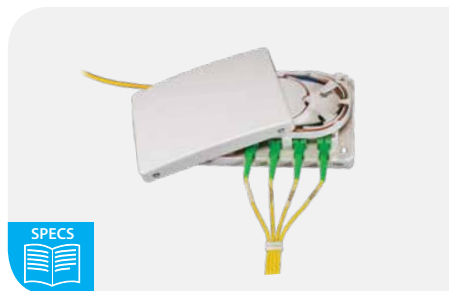
## Fiber Distribution Units

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | CAPACITY |
|---|---|---|---|---|
| **Wall Mount Fiber Enclosure FWP-2SC-2SP** | | | | |
| **065-773-10 (black)**<br>**065-773-11 (ivory)** | Wall mounted, plastic distribution unit with removable cover, SC duplex adapter holder, and splice holder. | 6"L x 3"W x 0.625"D | Plastic | 2SC Connections (2) Splices |

**SPECS**

| | | | | |
|---|---|---|---|---|
| **Wall Mount Fiber Enclosure FWP-4SC-4SP   (ML-49)** | | | | |
| **020-124-20** | Wall mounted, plastic distribution unit with removable cover and swing out slack tray. | 4.3"L x 6"W x 1.2"D | Plastic | (4) SC Connections (4) Splices |

**SPECS**

*Adapter and Fiber not included in units

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# Splice Trays

gomultilink.com/categories/patch-splice-modules/splice-trays

## Splice Trays

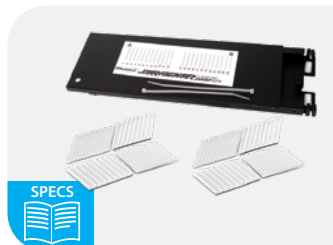| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | WEIGHT | CAPACITY |
|---|---|---|---|---|---|
| **Splice Tray 1120-SSTA** | | | | | |
| 70902K | 12 Single Fusion Splice Tray | 6.5"L x 4.75"W x 0.5"D | .08" Powder Coated Aluminum | 0.35 lbs. | 12 Single Fusion Splices 8 Mechanical Splices, or 48 Mass Fused Fibers |
| **Splice Tray 2000-SSTA** | | | | | |
| 70506K | 24 Single Fusion Splice Tray | 11.75"L x 4"W x 0.5"D | .08" Powder Coated Aluminum | 0.65 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fused Fibers |
| **Splice Tray 2020-SSTP** | | | | | |
| 70709K | 24 Single Fusion Splice Tray | 12.25"L x 4"W x 0.5"D | .08" Powder Coated Aluminum | 0.54 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fused Fibers |
| **Splice Tray 3000-SSTA** | | | | | |
| 70505K | 24 Single Fusion Splice Tray | 7.75"L x 6"W x 0.5"D | .08" Powder Coated Aluminum | 0.54 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices, or 96 Mass Fused Fibers |

## Splice Trays

| | STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | WEIGHT | CAPACITY |
|---|---|---|---|---|---|---|
| **Splice Tray 612-SSTP** | | | | | | |
| SPECS | 065-209-10 | 12 Single Fusion Splice Tray | 6"L x 2.75"W x 0.75"D | Plastic | 0.35 lbs. | 12 Single Fusion Splices |
| **Splice Tray 1120-SSTP** | | | | | | |
| SPECS | 072-059-10 | 12 Single Fusion Splice Tray | 6.5"L x 5.13"W x 0.5"D | Plastic | 0.65 lbs. | 12 Single Fusion Splices, 8 Mechanical Splices or 48 Mass Fused FIbers |
| **Splice Tray 1124-SSTP** | | | | | | |
| SPECS | 072-059-20 | 12 Single (24 Dual Stacked) Fusion Splice Tray | 6.5"L x 5.13"W x 0.5"D | Plastic | 0.65 lbs. | 12 Single Fusion Splices (24 Double Stacked), 8 Mechanical Splices or 48 Mass Fused FIbers |
| **Splice Tray 3030-SSTP** | | | | | | |
| SPECS | 70706K | 24 Single Fusion Splice Tray | 8.25"L x 5.75"W x 0.5"D | Plastic | 0.54 lbs. | 24 Single Fusion Splices, 16 Mechanical Splices or 96 Mass Fused FIbers |
| **Splice Tray 4048-SSTP** | | | | | | |
| SPECS | 10-8007 | 24 Single (48 Dual Stacked) Fusion Splice Tray | 9.75"L x 4.5"W x 0.5"D | Plastic | 0.54 lbs. | 24 Single Fusion Splices (48 Double Stacked), 16 Mechanical Splices or 96 Mass Fused FIbers |
| **Splice Tray 4072-SSTP** | | | | | | |
| SPECS | 065-001-10 | 36 Single (72 Dual Stacked) Fusion Splice Tray | 10.75"L x 5.75"W x 0.5"D | Plastic | .60 lbs. | 36 Single Fusion Splices (72 Double Stacked), 24 Mechanical Splices or 144 Mass Fused FIbers |

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## Multi-Media Enclosure

Smart homes/offices are driving the need for small network hubs within living quarters and businesses. Multilink provides clean, easy-to-maintain Multi-Media Enclosures with this in mind. The enclosures are capable of being recess mounted in the wall, surface mounted or free standing. They are made from Wi-Fi friendly plastic so your signal won't be affected. Expandable sections ensure plenty of space for current and for future expansions.

» Expandable sections
» Recess, surface & free standing mounting
» Independent door functionality
» Vented or Unvented Doors

gomultilink.com/categories/multi-media-enclosure

# EXPANDABLE  |  EASY MAINTENANCE  |  ORGANIZED

## Deep Frame  |  Standard Frame  |  Flush/Tapered Frame  |  Floor Stand

# Multi-Media Enclosure

**Multilink®** *Simply More...*

## Multi-Media Enclosures Configurator

### Ordering Information



**30" Multi-Media Enclosure Shown**

| Material | |
|---|---|
| **FR** | Flame Retardant Plastic |

**MDE** – ☐ – **FR** – ☐ – ☐ IF APPLICABLE – ☐ – ☐

| Enclosure Style | |
|---|---|
| **W** | Standard Frame |
| **T** | Flush/Tapered Frame |
| **F** | Floor Stand |
| **D** | Deep Frame |

| Size (Height) | |
|---|---|
| **15** | 15"H |
| **30** | 30"H |
| **45** | 45"H |
| **60** | 60"H |

| Section 1-6 Door | |
|---|---|
| **S** | Standard |
| **V** | Vented |
| **SC** | Standard Custom Nameplate |
| **VC** | Vented Custom Nameplate |

| Lock | |
|---|---|
| **Y** | Yes |
| **N** | No |

| Latch | |
|---|---|
| **Y** | Yes |
| **N** | No |

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# Multi-Media Enclosure

gomultilink.com/categories/multi-media-enclosure

**Standards:**
UL 2416 - Audio/Video, Information, and Communication Technology Equipment Cabinet, Enclosure and Rack Systems
CAN/CSA C22.2 No. 60950-1-07 - Canadian Standard for Safety for Information Technology Equipment – Safety – Part 1: General Requirements

## Standard Multi-Media Enclosures

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | COLOR | MOUNTING |
|---|---|---|---|---|---|
| 020-296-10 | Standard 15"W/ Vented Door | 15"W x 15"H x 4.5"D | Plastic | White | Wall |
| 020-296-20 | Standard 15"W/ Solid Door | 15"W x 15"H x 4.5"D | Plastic | White | Wall |
| 020-298-10 | Standard 30"W/ Vented Door | 15"W x 30"H x 4.5"D | Plastic | White | Wall |
| 020-298-20 | Standard 30"W/ Solid Door | 15"W x 30"H x 4.5"D | Plastic | White | Wall |
| 020-300-10 | Standard 45"W/ Vented Door | 15"W x 45"H x 4.5"D | Plastic | White | Wall |
| 020-300-20 | Standard 45"W/ Solid Door | 15"W x 45"H x 4.5"D | Plastic | White | Wall |
| 020-302-10 | Standard 60"W/ Vented Door | 15"W x 60"H x 4.5"D | Plastic | White | Wall |
| 020-302-20 | Standard 60"W/ Solid Door | 15"W x 60"H x 4.5"D | Plastic | White | Wall |
| 020-390-10 | Standard 15"W/ Deep Frame | 15"W x 15"H x 6"D | Plastic | White | Wall |
| 020-392-10 | Standard 30"W/ Deep Frame | 15"W x 30"H x 6"D | Plastic | White | Wall |
| 020-394-10 | Standard 45"W/ Deep Frame | 15"W x 45"H x 6"D | Plastic | White | Wall |
| 020-396-10 | Standard 60"W/ Deep Frame | 15"W x 60"H x 6"D | Plastic | White | Wall |

## Flush Mount Multi-Media Enclosures

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | COLOR | MOUNTING |
|----------|-------------|------------|----------|-------|----------|
| 020-297-10 | Flush Mount 15"W/ Vented Door | 15"W x 15"H x 4.5"D | Plastic | White | Stud |
| 020-297-20 | Flush Mount 15"W/ Solid Door | 15"W x 15"H x 4.5"D | Plastic | White | Stud |
| 020-299-10 | Flush Mount 30"W/ Vented Door | 15"W x 30"H x 4.5"D | Plastic | White | Stud |
| 020-299-20 | Flush Mount 30"W/ Solid Door | 15"W x 30"H x 4.5"D | Plastic | White | Stud |
| 020-301-10 | Flush Mount 45"W/ Vented Door | 15"W x 45"H x 4.5"D | Plastic | White | Stud |
| 020-301-20 | Flush Mount 45"W/ Solid Door | 15"W x 45"H x 4.5"D | Plastic | White | Stud |
| 020-303-10 | Flush Mount 60"W/ Vented Door | 15"W x 60"H x 4.5"D | Plastic | White | Stud |
| 020-303-20 | Flush Mount 60"W/ Solid Door | 15"W x 60"H x 4.5"D | Plastic | White | Stud |
| 020-391-20 | Flush Mount 15"W/ Deep Frame | 15"W x 15"H x 6"D | Plastic | White | Wall |
| 020-393-10 | Flush Mount 30"W/ Deep Frame | 15"W x 30"H x 6"D | Plastic | White | Wall |
| 020-395-10 | Flush Mount 45"W/ Deep Frame | 15"W x 45"H x 6"D | Plastic | White | Wall |
| 020-398-10 | Flush Mount 60"W/ Deep Frame | 15"W x 60"H x 6"D | Plastic | White | Wall |

## Floor Stand Multi-Media Enclosures

| STOCK ID | DESCRIPTION | DIMENSIONS | MATERIAL | COLOR | MOUNTING |
|----------|-------------|------------|----------|-------|----------|
| 020-294-10 | Floor Stand 15"W/ Vented Door | 15"W x 15"H x 4.5"D | Plastic | White | Floor Stand |
| 020-295-10 | Floor Stand 30"W/ Vented Door | 15"W x 15"H x 4.5"D | Plastic | White | Floor Stand |

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# Multi-Media Enclosure

🌐 gomultilink.com/categories/multi-media-enclosure

## Deep Frame Retro-Fit Multi-Media Enclosure Kits

| STOCK ID | DESCRIPTION | MATERIAL | COLOR | MOUNTING |
|----------|-------------|----------|-------|----------|
| 072-722-10 | Standard Deep Frame Retro-Fit Multi-Media Enclosure Kits 15" (frame only) | Plastic | White | Stud |
| 072-723-10 | Flush Mount Deep Frame Retro-Fit Multi-Media Enclosure Kits 15" (frame only) | Plastic | White | Stud |
| 072-724-10 | Standard Deep Frame Retro-Fit Multi-Media Enclosure Kits 30" (frame only) | Plastic | White | Stud |
| 072-725-10 | Flush Mount Deep Frame Retro-Fit Multi-Media Enclosure Kits 30" (frame only) | Plastic | White | Stud |
| 072-726-10 | Standard Deep Frame Retro-Fit Multi-Media Enclosure Kits 45" (frame only) | Plastic | White | Stud |
| 072-727-10 | Flush Mount Deep Frame Retro-Fit Multi-Media Enclosure Kits 45" (frame only) | Plastic | White | Stud |
| 072-728-10 | Standard Deep Frame Retro-Fit Multi-Media Enclosure Kits 60" (frame only) | Plastic | White | Stud |
| 072-729-10 | Flush Mount Deep Frame Retro-Fit Multi-Media Enclosure Kits 60" (frame only) | Plastic | White | Stud |

**45" Standard
Deep Frame Shown**
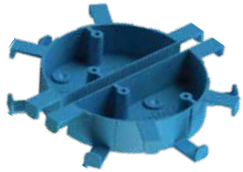
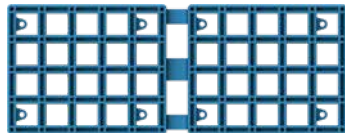## Slack Storage

**STOCK ID - 072-533-10**

Multi-Media Spool – Blue Fiber Management Ears
Expandable with 4 screws

## Backing Plates

**STOCK ID - 072-534-10**

FlexGrid™ Mounting Plate, A mountable
FlexGrid™ system designed to create a
universal mount for enclosures.
Blue 4.25"x 5.25"
Mounting Plate with 4 screws

## Shelf Mounting Kit

**STOCK ID - 072-586-10**

2 - Anchoring Clips,
2 - Black Velcro 3/4" x 18"
2 - Metal Shelves, 6 screws

## Electrical Outlet

**STOCK ID - 072-530-10**

Duplex 120VAC Power Outlet

## Security & Latches

**STOCK ID - 99534**

Lock & Key – Lockable Latch for Doors
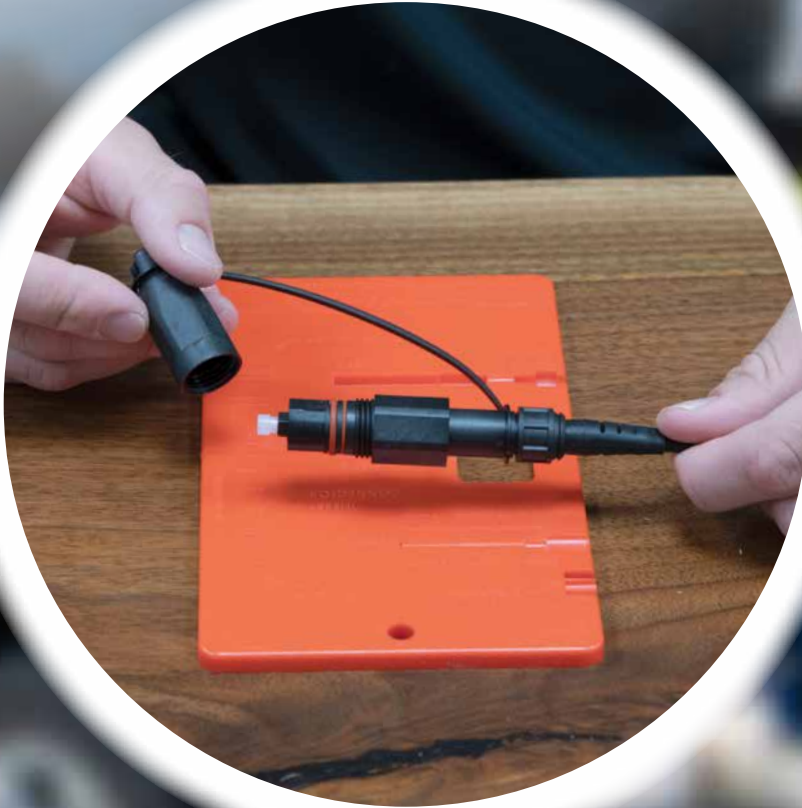
**STOCK ID - 12025**

Spring loaded Latch for Doors

## 8 Port Voice / Data Panel

**STOCK ID - 066-771-10**

8 Port Voice / Data Panel

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# Field Installable Connectors

Field Installable Connectors are quickly becoming everyday essentials to reduce installation and maintenance times in edge network deployment. Boasting low insertion loss ratings and minimal installation time, our field installables make work easier with the ability to be used on slack cable instead of requiring you to run new lines. They also allow field technicians to utilize bulk fiber, eliminating the need to stock multiple connector variations at numerous cable lengths.

## SpeedFlex™

## Mechanical Connectors

## H  IP Field Installable Connectors

# The Mobile Interactive Lab

## Sharpen Your Skills with the Lab!







Traditionally, information communications technology is a tough industry to enter. Telecommunications technicians typically require extensive on-the-job training. Fortunately, Multilink has made that process simpler and quicker with the introduction of our **Mobile Interactive Lab.**

The Lab, as we like to call it, can benefit you and your business in a number of different ways. It's a state-of-the-art facility that can travel anywhere across the country, stopping at trade shows or our customers' locations to offer product demonstrations and training.

When our customers have a big project, our experienced Product Specialists can travel to their site and train them on installations, using The Lab as a hands-on classroom. It's equipped with an onboard internet connection and a Clear Touch® Smart Display that allows us to do everything from share videos to help plan and design new network infrastructures.

Telecommunications is constantly evolving and often difficult to understand for newcomers. To keep up with an ever-growing market and change in demands, employees from the executive to the field level need access to dynamic learning opportunities. That's where Multilink and our Mobile Interactive Learning Center, The Lab, come into play.

Don't hesitate! Contact one of our customer sales representatives to book The Lab for your next project or event.

# SpeedFlex™

Multilink's SpeedFlex™ Push Fiber is a strong but flexible fiber cable designed to be installed in rigid and flexible conduit which can be stapled directly to the wall. With the ability to carry up to 12 fibers inside, Multilink's SpeedFlex™ Push Fiber is unique to the push/pull fiber industry. The 900µm fiber is bend-insensitive and properly color coded to EIA/TIA standards. SpeedFlex™ comes in a 100 ft. payout box or 1000 ft. contractor box. SpeedFlex™ comes with printed measurements so you always know how much you have left. It is also available with a factory terminated connector upon request and is pushable up to 1000 ft.

🌐 **gomultilink.com/categories/fiber-optic-cable/speedflex**

## SpeedFlex™

### SpeedFlex™ 1 Fiber 3.0mm Cable 100 Ft. Payout Box

| STOCK ID | DESCRIPTION | FIBER COUNT | FIBER TYPE | COLOR |
|---|---|---|---|---|
| 066-160-20 | SpeedFlex™ 1 Fiber 3.0mm Black (Indoor) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Black |
| 066-160-21 | SpeedFlex™ 1 Fiber 3.0mm White (Indoor/Outdoor) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | White |
| 066-160-23 | SpeedFlex™ 1 Fiber 3.0mm Beige (Indoor/Outdoor) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Beige |
| 066-160-22 | SpeedFlex™ 1 Fiber 3.0mm Orange (Burial) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Orange |

### SpeedFlex™ 1 Fiber 3.0mm Cable 1000 Ft. Contractor Box

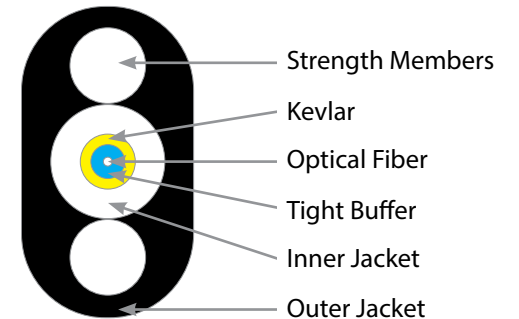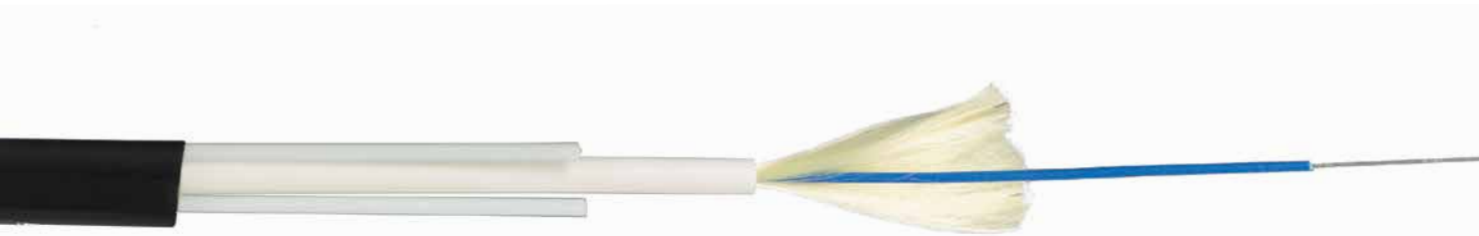| STOCK ID | DESCRIPTION | FIBER COUNT | FIBER TYPE | COLOR |
|---|---|---|---|---|
| 066-160-30 | SpeedFlex™ 1 Fiber 3.0mm Black (Indoor) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Black |
| 066-160-31 | SpeedFlex™ 1 Fiber 3.0mm White (Indoor/Outdoor) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | White |
| 066-160-33 | SpeedFlex™ 1 Fiber 3.0mm Beige (Indoor/Outdoor) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Beige |
| 066-160-32 | SpeedFlex™ 1 Fiber 3.0mm Orange (Burial) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Orange |

# SpeedFlex™

## SpeedFlex™

| STOCK ID | DESCRIPTION | FIBER COUNT | FIBER TYPE | COLOR |
|---|---|---|---|---|
| **SpeedFlex™ 2 Fiber Cable 100 Ft. Payout Box** | | | | |
| **066-161-20** | SpeedFlex™ 2 Fiber Black (Indoor) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Black |
| **066-161-21** | SpeedFlex™ 2 Fiber White (Indoor/Outdoor) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | White |
| **066-161-23** | SpeedFlex™ 2 Fiber Beige (Indoor/Outdoor) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Beige |
| **066-161-22** | SpeedFlex™ 2 Fiber Orange (Burial) 100 Ft. Payout Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Orange |
| **SpeedFlex™ 2 Fiber Cable 1000 Ft. Contractor Box** | | | | |
| **066-161-30** | SpeedFlex™ 2 Fiber Black (Indoor) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Black |
| **066-161-31** | SpeedFlex™ 2 Fiber White (Indoor/Outdoor) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | White |
| **066-161-33** | SpeedFlex™ 2 Fiber Beige (Indoor/Outdoor) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Beige |
| **066-161-32** | SpeedFlex™ 2 Fiber Orange (Burial) 1000 Ft. Contractor Box | 1, 2, 4, 6, & 12 | Single Mode – ITU G.657.A1 & B2, G.652.D | Orange |

# Surelight® Flat Drop Cable

🌐 **gomultilink.com/categories/fiber-optic-cable/surelight-flat-drop-cable**

- Strength Members
- Kevlar
- Optical Fiber
- Tight Buffer
- Inner Jacket
- Outer Jacket

## Surelight® Flat Drop Cable

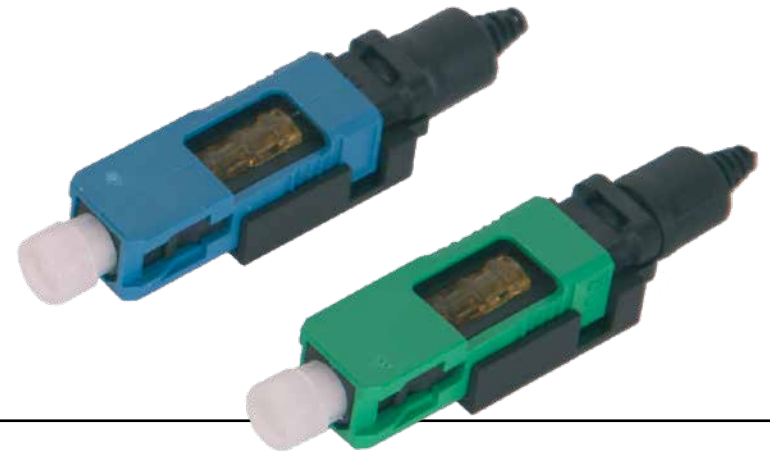| STOCK ID | DESCRIPTION | MATERIAL | FIBER COUNT | FIBER TYPE | FIBER CATEGORY |
|----------|-------------|----------|-------------|------------|----------------|
| 066-054-10-ML | Tonable Flat Drop Cable<br>Tested and approved to meet Telcordia specifications<br>UL listed, 1,000 Ft. Reel | Inner Jacket: Low Smoke Zero Halogen<br>Outer Jacket: High Density Polyethylene | 1 | Flat Drop | SIngle-Mode |
| 066-055-10-ML | Non-tonable Flat Drop Cable<br>Tested and approved to meet Telcordia specifications<br>UL listed, 1,000 Ft. Reel | Inner Jacket: Low Smoke Zero Halogen<br>Outer Jacket: High Density Polyethylene | 1 | Flat Drop | SIngle-Mode |

# Mechanical Connectors

With outstanding loss ratings combined with lightning speed installation times, our mechanical field installable connectors have been field tested for reliability and longevity. These connectors have a typical installation time of 2-3 minutes while yielding a typical loss rating of .30dB. They are great for terminations at the drop installation points of your network.

» Typical installation time of 2-3 minutes
» .30dB - .50dB, typical
» Reusable up to 5 times

🌐 **gomultilink.com/categories/connectors**

## RELIABLE | QUICK INSTALLATION | REUSABLE
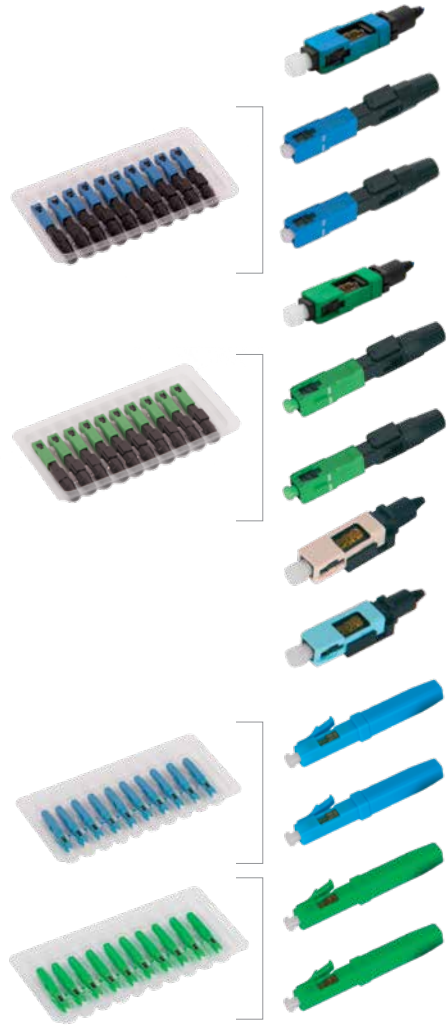
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# Mechanical Connectors

🌐 **gomultilink.com/categories/connectors**

**Simply More...**

## Mechanical Connectors

| Stock ID | Fiber Category | Connector Type | Polish | Cable Compatibility | Typical Insertion Loss |
|----------|----------------|----------------|--------|---------------------|------------------------|
| 066-024-10 | Singlemode (OS1) | SC/UPC | UPC | 250µm/900µm | 0.3-0.5 dB |
| 066-223-10 | Singlemode (OS1) | SC/UPC | UPC | 2mm | 0.3-0.5 dB |
| 066-215-10 | Singlemode (OS1) | SC/UPC | UPC | 3mm | 0.3-0.5 dB |
| 066-025-10 | Singlemode (OS1) | SC/APC | APC | 250µm/900µm | 0.3-0.5 dB |
| 066-222-10 | Singlemode (OS1) | SC/APC | APC | 2mm | 0.3-0.5 dB |
| 066-214-10 | Singlemode (OS1) | SC/APC | APC | 3mm | 0.3-0.5 dB |
| 066-027-10 | Multimode (OM1) | SC/UPC | UPC | 250µm/900µm | 0.3-0.5 dB |
| 066-132-10 | Multimode (OM2) Multimode (OM3) Multimode (OM4) | SC/UPC | UPC | 250µm/900µm | 0.3-0.5 dB |
| 066-221-10 | Singlemode (OS1) | LC/UPC | UPC | 2mm | 0.3-0.5 dB |
| 066-213-10 | Singlemode (OS1) | LC/UPC | UPC | 3mm | 0.3-0.5 dB |
| 066-216-10 | Singlemode (OS1) | LC/APC | APC | 2mm | 0.3-0.5 dB |
| 066-212-10 | Singlemode (OS1) | LC/APC | APC | 3mm | 0.3-0.5 dB |

# H IP Field Installable Connectors

![Multilink logo — Simply More…]

## H IP Field Installation in 5 Easy Steps!

Multilink's Hardened Ingress Protection (H IP) Connector provides the perfect solution for drop fiber deployment by preventing issues like drop damage, environmental damage and connection failure. They allow installers to terminate four different styles of bulk fiber in the field: flat, round, ROC™ drop and Multilink's proprietary SpeedFlex®.

One of the H IP Connector's defining features is ease of installation: it can be installed on the back of any technician's truck in **five simple steps that take less than five minutes**.

Multilink offers a field installable tool kit that comes with everything you need to install the H IP at gomultilink.com/categories/fiber-optic-tool-kits.







**1** — **2** — **3** — **4** — **5**
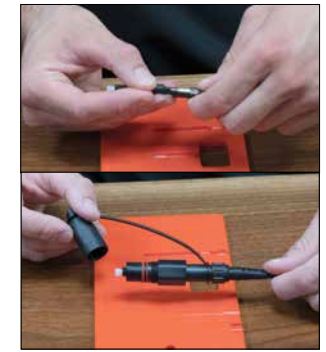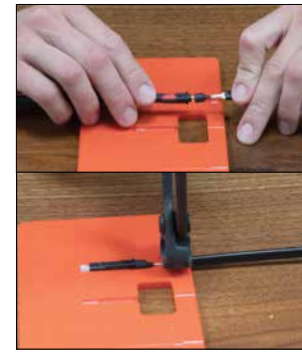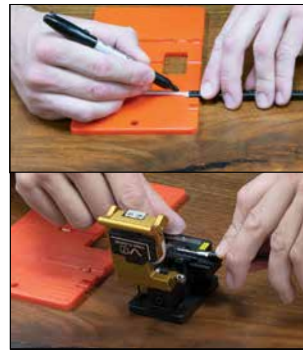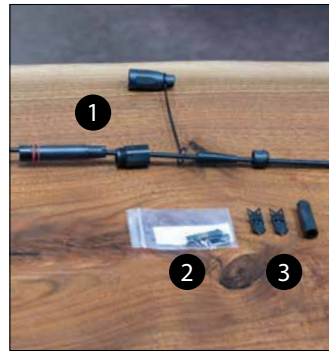
**1.** Gather product and tools.
- 3 Hole Fiber Stripper
- Cable Slit & Ring Tool
- Wire & Kevlar Cutting Shears
- 2.5mm Fiber Connector Cleaner
- Visual Fault Locator
- Fiber Wipes

**2.** Separate parts into 3 groups specified above and slide group 1 onto the cable.
**Group 1:** Connector Nut, Boot, Tether, Coupler, External Housing, Crimp Ring
**Group 2:** Field Installable SC/APC Connector
**Group 3:** Internal Housing Assembly: Collar Clamps and Collar

**3.** Mark the fiber with the template, remove kevlar strands and coating and cleave the fiber.

**4.** Test your connection and crimp the fiber.

**5.** Assemble Group 3 (Internal Housing Assembly). Align arrow on External Housing with the groove on Internal Housing. Slide External housing over Internal Housing Assembly. Slide the remaining parts from Group 1 onto External Housing and screw Connector Nut into place.

# H IP Field Installable Connectors

**We offer the right field installable for your networks' type of fiber drop!** The H IP Field Installable can be utilized with flat, round, ROC® and SpeedFlex™ drop fibers. A simplified installation process utilizing standard fiber tools are what set our H IP apart from the competitors. Great for faster drop deployment times all while ensuring high network quality.

» Enables large cost reduction
» Provides quick drop deployment
» Reduces subscriber down time
» No special tools or technicians necessary

🌐 **gomultilink.com/categories/h-ip-connector**

## H IP Templates

| Stock ID | Description | Cable Compatibility |
|---|---|---|
| **649-345-10** | Stripping Template H IP Field Installable Compression | Flat Drop |
| **649-345-20** | Stripping Template H IP Field Installable Compression | ROC™ Drop & Round Drop |
| **649-312-10** | Stripping Template H IP Field Installable Heat Shrink | Flat Drop |

## H IP Connectors

| | Stock ID | Description | Fiber Category | Connector Type | Cable Compatibility | Typical dB Loss |
|---|---|---|---|---|---|---|
| SPECS | **066-458-40** | Surelight® H IP Heat Shrink | Singlemode (OS2) | SC/APC | Flat Drop | 0.3-0.5 dB |
| | **066-458-60** | | | | ROC™ Drop & Round Drop | |
| SPECS | **066-458-45** | Surelight® H IP Compression Field Installable Connector | Singlemode (OS2) | SC/APC | Flat Drop | 0.3-0.5 dB |
| SPECS | **066-458-65** | Surelight® H IP Compression Field Installable Connector | Singlemode (OS2) | SC/APC | Round Drop | 0.3-0.5 dB |
| SPECS | **066-458-67** | Surelight® H IP Compression Field Installable Connector | Singlemode (OS2) | SC/APC | ROC™ Drop (*a registered trademark of Corning*) | 0.3-0.5 dB |
| SPECS | **066-458-85** | Surelight® H IP Compression Field Installable Connector | Singlemode (OS2) | SC/APC | SpeedFlex™ | 0.3-0.5 dB |

# Splice on Connectors

Using factory terminated, pre-polished connectors, the Surelight® Splice-On Connectors provide a connection meeting or exceeding industry standards for loss and back reflection. They come with a factory cleaved 900μm fiber stub to ensure ease of use and optimal performance. The unique 900μm boot allows the entire splice to be concealed and protected for a simpler cable management system within the rack or enclosure. Termination is simple, remove the cleave protector, place the connector into the holder, place the holder in the splicer, load the prepared field fiber into the splicer, and the connector is ready to be terminated.

» 900μm boot protects splice for easy cable management
» Includes color coded 900μm buffer, boot, cleave protector and dust cap
» Universal holders for multiple fusion splicers
» 20 year prorated warranty

🌐 **gomultilink.com/categories/splice-on-connectors**

## Splice on Connectors

| | Stock ID | Quantity | Fiber Category | Connector Type | Cable Compatibility | Optical Return Loss | Insertion Loss |
|---|---|---|---|---|---|---|---|
| SPECS | **066-967-10** | 10 | Singlemode (OS2) | SC/APC | 900μm | >65dB >55dB | 0.3dB (0.15dB typical) |
| SPECS | **066-968-10** | 10 | Singlemode (OS2) | SC/UPC | 900μm | >65dB >55dB | 0.3dB (0.15dB typical) |
| SPECS | **066-969-10** | 10 | Singlemode (OS2) | LC/APC | 900μm | >65dB >55dB | 0.3dB (0.15dB typical) |
| SPECS | **066-970-10** | 10 | Singlemode (OS2) | LC/UPC | 900μm | >65dB >55dB | 0.3dB (0.15dB typical) |

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# Tool Kits

Having the correct fiber installation tools is imperative to properly install a field installable connector. Our tool kits make it possible to properly access and prepare many different fiber cables for mid-span splicing and fiber termination. Each tool in our kit has been hand picked to help installers make quick, easy and reliable terminations in the field.

**» High quality standard fiber termination tools**

🌐 **gomultilink.com/categories/fiber-optic-tool-kits**

## Tools Included

| | |
|---|---|
| 3 Hole Fiber Optic Stripper | Fiber Optic Drop Cable Slitter |
| Fiber Cleaver | Cable Slit & Ring Tool |
| Wire & Kevlar Cutting Shears | Visual Fault Locator (VFL) Kit |
| Fiber Connector Cleaner 2.5mm | Fiber Wipes |
| Crimp Tool | |

**Precision Cleaver**

**Basic Cleaver**

## Fiber Optic Tool Kits

| STOCK ID | DESCRIPTION |
|---|---|
| **Surelight® Field Installable Fiber Optic Tool Kit** | |
| **072-656-20** | Surelight® Field Installable Fiber Optic Tool Kit w/ Basic Fiber Cleaver |
| **072-656-21** | Surelight® Field Installable Fiber Optic Tool Kit w/ High Precision Fiber Cleaver |

# Fiber Accessories

Why make the task of splicing fiber optic cable any harder than it has to be? Other manufacturers may offer flexible buffer tubing, but they only come in one color, making it to easy to mismatch fiber. Multiflex™ is color coded to the standardized specifications used by fiber optic cable manufactures to allow you to easily identify and match fiber during the splicing process. Multiflex™ comes in twelve standardized colors and is available in bulk quantities of 50' rolls. It is also free flexing, making the fiber more manageable and easier to handle in the close confines of the splice enclosure. So give Multiflex™ a try next time you splice fiber optic cable, and you'll see the difference it makes.

## Free-Flexing, Color Coded Buffer Tubing

| | STOCK ID | DESCRIPTION | DIMENSIONS | UOM |
|---|---|---|---|---|
| SPECS | 72010 | 2000-BL-K-Muliflex™ Blue Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72020 | 2000-OR-K-Muliflex™ Orange Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72110 | 2000-GR-K-Muliflex™ Green Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72120 | 2000-BR-K-Muliflex™ Brown Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72210 | 2000-SL-K-Muliflex™ Slate Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72220 | 2000-WH-K-Muliflex™ White Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72310 | 2000-RD-K-Muliflex™ Red Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72320 | 2000-BK-K-Muliflex™ Black Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72410 | 2000-YL-K-Muliflex™ Yellow Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72420 | 2000-VI-K-Muliflex™ Violet Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72510 | 2000-RS-K-Muliflex™ Rose Buffer Tubing (Bulk) | 50' Roll | Each |
| SPECS | 72520 | 2000-AQ-K-Muliflex™ Aqua Buffer Tubing (Bulk) | 50' Roll | Each |

## Fiber Fan Out Kits

| | STOCK ID | DESCRIPTION | UOM |
|---|---|---|---|
| SPECS | 065-744-10 | Fan Out Kit - 6 Fiber - 25", 900μm | Each |
| SPECS | 066-526-10 | Fan Out Kit - 6 Fiber Fan Out Kit - 36", 900μm | Each |
| SPECS | 065-745-10 | Fan Out Kit - 12 Fiber - 25", 900μm | Each |
| SPECS | 065-749-10 | Fan Out Kit - 12 Fiber - 36", 900μm | Each |
| SPECS | 066-562-10 | Fan Out Kit - 24 Fiber Fan Out Kit - 25", 900μm | Each |
| SPECS | 066-527-10 | Fan Out Kit - 24 Fiber Fan Out Kit - 36", 900μm | Each |

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# Fiber Accessories

gomultilink.com/categories/accessories-maintenance/fiber-accessories

## Cleaning Accessories

| STOCK ID | DESCRIPTION | UOM |
|---|---|---|
| **2.5mm Fiber Connector Cleaner** | | |
| **964-019-10** | 2.5mm Fiber Connector Cleaner | Each |

SPECS

| | | |
|---|---|---|
| **Lint Free Kimwipes®** | | |
| **10-6171** | Part # F1-34-155: Lint Free Kimwipes® / 280/Box | Each |

SPECS

| | | |
|---|---|---|
| **Fiber Optic Wipes, Single Pack, 3"x4"** | | |
| **964-009-10** | Presaturated wipe with 95% Isopropyl Alcohol. Necessary for the installation, maintenance and management of our fiber products | |

SPECS
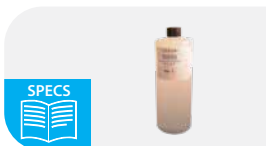
| | | |
|---|---|---|
| **Isopropyl Alcohol** | | |
| **10-6168** | Part # F1-00728: Bottle Alcohol / 28oz. | Each |

SPECS

| | | |
|---|---|---|
| **Alcohol Bottle Amber Glass** | | |
| **10-6169** | Part # F1-007P: Bottle Alcohol / 28oz. | Each |

SPECS

065-383-10

76500

The transparent plastic tube and stainless steel rod are designed to prevent stress and protect fusion fiber optic splices in field and factory operations. Sleeves are made of ethylene vinyl acetate (EVA) with heat activated memory, which causes them to shrink under heat. Sleeves shrink tightly to exclude air and hold the rod firmly, preventing abrasion of delicate glass fibers. Available in 60mm and 40mm.

## Fiber Optic Protective Sleeves

| STOCK ID | PART # | DESCRIPTION | DIMENSIONS | UOM |
|---|---|---|---|---|
| **76500** | MF-2170 | Fiber Optic Protective Sleeves 60mm | 60mm | 50 |
| **76501** | DH-1-40 | Fiber Optic Protective Sleeves 40mm | 40mm | 50 |
| **065-725-10** | N/A | F/Fbr Optic Ribbon Protective | Ribbon | 50 |
| **065-383-10** | N/A | Ribbon Fiber Protector | Ribbon | EA |

Fiber optic cable cleaner is used for quick and easy removal of cable gels, greases, tars, and oils from fiber optic and coax cables. Leaves no residue! This effective (full-strength) formula evaporates completely and contains no hazardous materials.

## Fiber Prep Cable Cleaner

| | | | | |
|---|---|---|---|---|
| **75200** | 2200-FOW | Foil Pack F/O Cable Wipe | - | Each |
| **75202** | 2320-FC | F/O Cable Cleaner (not shown above) | 32 oz. | Each |
| **75203** | 2100-FC | F/O Cable Cleaner | 128 oz. | Each |

# Fiber Management and Cable Identification

Efficient cable management requires appropriate slack storage, organization and security. Multilink addresses each of these areas with our Sno-Shoes®, Cable Markers and MultiTag™ Tamper Resistant Security Seals. Be prepared and protect your fiber optic cable and while encouraging safe, proper installation.

## Slack Storage Devices

The Multilink Plastic Sno-Shoe® has been designed for two purposes: to store additional lengths of fiber along the strand for later use and to act as a safeguard, protecting a fiber optic cable's minimum bend radius while encouraging proper installation practices. The Multilink Plastic Sno-Shoe® is a durable and cost-effective solution for storing fiber optic cable in the air.

» Prevents microbends in fiber optic cable
» Provides consistency and regularity in fiber optic loops
» Solution to spacing problems on poles
» Countersunk nut wells for easy one-tool installation
» Cable Trough™ design leaves installers' hands free to secure cable to the unit
» Stackable in multiple cable configurations to accommodate fiber mount tiering
» Cable Trough™ hass slots that secure the cable to the unit in expansion situations
   without having to remove previously installed cable and drain water and ice

gomultilink.com/categories/slack-storage

**Strand Mount**

## DURABLE | EASY INSTALL | EXPANDABLE

**ADSS Mount**

## Slack Storage Devices

| STOCK ID | MODEL # | DIMENSIONS | MOUNTING KIT | WEIGHT | BEND RADIUS | UOM |
|---|---|---|---|---|---|---|
| **7" Plastic Sno-Shoe® w/ Mounting Bracket & Hardware** | | | | | | |
| **649-011-20** | VASSB | 13"L x 11"W x 1.6"D | Strand | 1.4 lbs. | 3.5" | 1 per pack |
| **649-011-10** | VASSB | 13"L x 11"W x 1.6"D | None | 1.4 lbs. | 3.5" | 1 per pack |
| **10" Plastic Sno-Shoe® w/ Mounting Bracket & Hardware** | | | | | | |
| **71211K** | 2110-SSPTB | 23.8"L x 12.3"W x 1.1"D | Strand | 3.5 lbs | 5" | 2 per pack |
| **71220K** | 2110-SSPSS | 23.8"L x 12.3"W x 1.1"D | ADSS | 3.5 lbs | 5" | 2 per pack |
| **16" Plastic Sno-Shoe® w/ Mounting Bracket & Hardware** | | | | | | |
| **71244K** | 2116-SSPTB | 24.0"L x 18.0"W x 1.5"D | Strand | 4.4 lbs | 8" | 2 per pack |
| **71215K** | 2116-SSPSS | 24.0"L x 18.0"W x 1.5"D | ADSS | 4.4 lbs | 8" | 2 per pack |
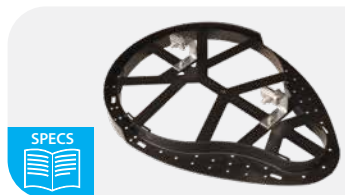
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## Slack Storage Devices

🌐 **gomultilink.com/categories/slack-storage**

**multilink®**
*Simply More...*

### Slack Storage Devices

| STOCK ID | MODEL # | DIMENSIONS | MOUNTING KIT | WEIGHT | BEND RADIUS | UOM |
|----------|---------|-----------|--------------|--------|-------------|-----|
| **21" Plastic Sno-Shoe® w/ Mounting Bracket & Hardware** | | | | | | |
| **71221K** | 2121-SSPTB | 33.0"L x 25.3"W x 2.0"D | Strand | 6.7 lbs. | 11.5" | 1 per pack |
| **71226K** | 2121-SSPSS | 33.0"L x 25.3"W x 2.0"D | ADSS | 6.7 lbs. | 11.5" | 1 per pack |
| **16" Plastic Adjustable Sno-Shoe®** | | | | | | |
| **71255K** | 2116-SAPTBS | 24.5"L x 20.5"W x 2.3"D | Strand | 5.1 lbs. | 8" | 1 per pack |
| **71240K\*** | 2116-SAPTBP | 24.5"L x 20.5"W x 2.3"D | Pole w/Strut | 5.1 lbs.* | 8" | 1 per pack |
| **71236K** | 2116-SAPTBW | 24.5"L x 20.5"W x 2.3"D | Wall | 5.1 lbs. | 8" | 1 per pack |
| **71239K** | 2116-SAPTBR | 24.5"L x 20.5"W x 2.3"D | Rack | 5.1 lbs. | 8" | 1 per pack |
| **71225K** | 2116-SAPSS | 24.5"L x 20.5"W x 2.3"D | ADSS | 5.1 lbs. | 8" | 1 per pack |

*71240K Includes 6ft unistrut. Add 10 lbs.

| STOCK ID | MODEL # | DIMENSIONS | MOUNTING KIT | WEIGHT | BEND RADIUS | UOM |
|----------|---------|-----------|--------------|--------|-------------|-----|
| **24" Plastic Adjustable Sno-Shoe®** | | | | | | |
| **71258K** | 2124-SAPTB | 36.8"L x 28.8"W x 2.0"D | Strand | 9.6 lbs. | 12" | 1 per pack |
| **71261K\*** | 2124-SAPTBP | 36.8"L x 28.8"W x 2.0"D | Pole w/Strut | 9.6 lbs.* | 12" | 1 per pack |
| **71263K** | 2124-SAPTBW | 36.8"L x 28.8"W x 2.0"D | Wall | 9.6 lbs. | 12" | 1 per pack |

*71216K Includes 6ft unistrut. Add 10 lbs.

## Slack Storage Accessories

| STOCK ID | DESCRIPTION | DIMENSIONS | WEIGHT | COLOR |
|----------|-------------|------------|--------|-------|
| **Stacking Kit ForPlastic Sno-Shoe®** | | | | |
| **71301K** | (2) Risers, (2) Bolts, (2) Washers, (2) Nuts | | 2 lbs. | |
| **Extensions** | | | | |
| **10-7168** | (2) 18" Extensions & (2) Hardware Kits | | | |
| **10-7169** | (2) 48" Extensions & (2) Hardware Kits | | | |
| **Slack Box** | | | | |
| **10-4653** | Slack Box SSB-303612 | 30"H x 36"W x 12"D | | Gray |
| **072-378-10** | Pole Mount for 10-4653 | | | |
| **10-4666** | Slack Box SSB-364212 | 36"H x 42"W x 12"D | | Gray |
| **072-379-10** | Pole Mount for 10-4666 | | | |

## Dome Enclosure Mounting Kit

| | |
|---|---|
| **065-058-10** | Pole/Wall mountable kit for the 4048-D Starfighter Dome Enclosure, 4 hooks for cable slack storage |

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# Cable Markers

The Multilink Cable Markers improve on installation times by allowing the installer to simply wrap the marker around the selected cable without the need for special tools or adhesives. The marker's UV stabilized body will not degrade in outside applications. Our selection of colors allows you to distinguish various fiber runs from pre-existing cables. Customized engraving provides easy cable identification in the field. Our cable markers also boast a lifetime warranty on the engraving and a 20 year pro-rated warranty on the plastic body.
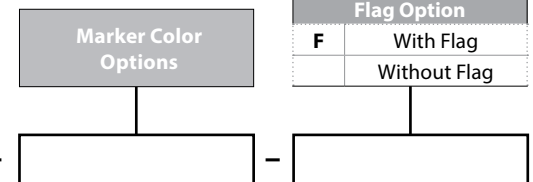
» Lifetime warranty on printing and a 20 year pro-rated warranty on plastic body
» Customization provides easy identification of your cables during emergencies or general maintenance
» UV stabilized body won't degrade in outside applications
» Simple and quick installation: Wrap-around design eliminates the need for special tools and adhesives.
» The three different sizes can accommodate a variety of cable configurations
» A variety of colors

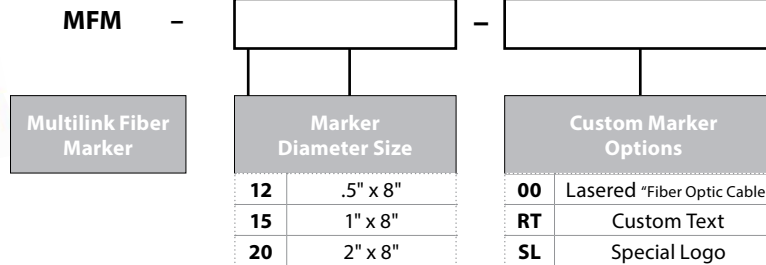🌐 **gomultilink.com/categories/cable-markers**

| Standard Colors | |
|---|---|
| **01** | Yellow |
| **02** | Orange |
| **Custom Colors** | |
| **03** | Blue |
| **04** | Green |
| **05** | Gray |
| **06** | White |
| **07** | Brown |
| **08** | Red |

*Other custom colors available upon request

## Cable Markers

**Ordering Information**

**MFM** –  [    ]  –  [    ]  –  [    ]  –  [    ]

| Multilink Fiber Marker | | |
|---|---|---|

| Marker Diameter Size | |
|---|---|
| **12** | .5" x 8" |
| **15** | 1" x 8" |
| **20** | 2" x 8" |

*Other custom lengths available upon request

| Custom Marker Options | |
|---|---|
| **00** | Lasered "Fiber Optic Cable" |
| **RT** | Custom Text |
| **SL** | Special Logo |

| Marker Color Options | |
|---|---|

| Flag Option | |
|---|---|
| **F** | With Flag |
| | Without Flag |

# MultiTag™ Tamper Resistant Security Seals

The Multilink MultiTag™ is engineered to protect installers' cables while displaying helpful information about the cable or unit it's connected to. The seal's unique, patented design surrounds the cable with both the body and hasp, making the tag tamperproof.

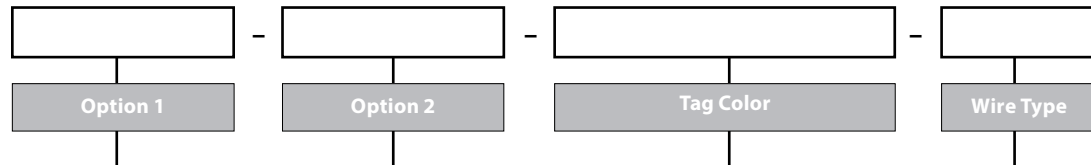🌐 **gomultilink.com/categories/identification-tags**

**Get Your Custom Logo Engraved On Your Tags!**

## Cable Markers

### Ordering Information

**MT** – [ Option 1 ] – [ Option 2 ] – [ Tag Color ] – [ Wire Type ]

| | Multilink Tag | | Option 1 | | Option 2 | | Tag Color | | | Wire Type |

| | Wire Options |
|------|---------------------------------------|
| PO* | Plain |
| LW* | Large Writing Panel |
| BA* | Barcode w/Alphanumerical (5,000 MOQ) |
| A | 7 Digit Alphanumerical |
| N | Custom Name |
| L | Custom Logo |
| W | Writing Panel |
| O | Denotes No Second Option Desired |

*Second option not available

| | Wire Options | | |
|----|--------|----|-----------|
| 01 | Yellow | 09 | Lt. Blue |
| 02 | Orange | 10 | Dk. Blue |
| 03 | Purple | 11 | Lt. Green |
| 04 | Gold | 12 | Dk. Green |
| 05 | White | 13 | Blue Gray |
| 06 | Black | 14 | Rose |
| 07 | Red | 15 | Beige |

Other custom colors available upon request

| | Wire Options |
|---|----------|
| A | Standard |
| B | Loop |

# EXPLORE
## Multilink's 5G products
### at gomultilink.com/5G

Multilink has always been a leader and innovator in the telecom industry. We are proud of our line of products that meet the needs of your 5G builds.

**Multilink**
*Simply More...*

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