The Future is Green

Use less energy, consume less space, and spend less money compared to copper structured cabling.

3M

The Future is Green.

Imagine more network performance from fewer parts using less energy in a smaller space. It's called Passive Optical LAN. It's "green" as in "better for the environment," because it uses less energy and consumes far less space and raw materials compared to copper cabling. It's also "green" as in "better for your bottom line." Because the total solution consumes less energy (compared to traditional copper Ethernet solutions), that translates to lower deployment and operating expenses.

Put simply, Passive Optical LAN is a cost-effective, fiber-to-the-desktop enterprise solution that's changing both the network, and the way we think about designing, installing, and maintaining the network. It's called passive because there's no need for active electronics between the main equipment room and the work areas—only passive optical splitters that distribute converged services directly from main switch to the terminals (without using electricity). It brings high performance (gigabit) broadband to the desktop at a fraction of the cost of typical copper-based Ethernet LAN configurations.

Up to 70% less CapEx

A traditional Ethernet LAN typically requires a core switch/router, a distribution switch in each building and multiple stacked workgroup switches on every floor, not to mention, a lot of copper. Because a single fiber supports miles of connectivity, Passive Optical LAN eliminates the need for active electronics between the main equipment room and the work area terminals. In other words, no more costly-to-install and operate distribution and workgroup switches.

Up to 80% less Opex

When it comes to power consumption, Passive Optical LAN is "greener" in more ways than one. By eliminating the need for unnecessary layers of aggregation switches, it can eliminate thousands of kilowatt-hours used by the power and cooling systems that go along with them. At the end of the day, a Passive Optical LAN might use only 1 kW-h for every 5 used by a traditional LAN. Multiply that by thousands of users and your cost per kW-h, and the difference is substantial.

Up to 90% space savings

Consider an office building with 2,000 employees. A traditional LAN would require 18 seven-foot-tall equipment racks with 90 rack units of space. A Passive Optical LAN can accommodate up to 7,000 employees using only one equipment rack with nine rack units. In other words, what used to fill up multiple communications closets may now require none at all, reducing your operating expenses by cutting overhead costs like rent and HVAC. It also equates to fewer things to manage, maintain and worry about.

Why Choose 3M?

Drawing on the experience of more than 50 years in telecommunications, 3M has created a portfolio of Passive Optical LAN infrastructure components that are optimized for the enterprise and backed by a 25-year warranty.*

3M provides:

- Excellent performance in durable fiber components, easy field-terminated connectors and mechanical splices that are quicker to install and more efficient in material cost

- Products designed for high density, large and small fiber count installations, meeting the varying needs of diverse building spaces

- Easy to install products with few parts and pieces, with low total cost of ownership

- Rack- and wall-mount enclosures of metal and plastic for the protection of fiber components suitable for a variety of applications

Other 3M solution advantages include:

- Experienced professionals to help plan network design; the ability to draw on experience working with a global customer base and first-hand knowledge of industry best practices

- Tech service assistance to aid in product installation and post sales support; reinforcing 3M's commitment to service

- 3M brand with 100 years in business and more than 50 years of telecommunications experience

- An available 25-year warranty* to help protect your infrastructure investment.
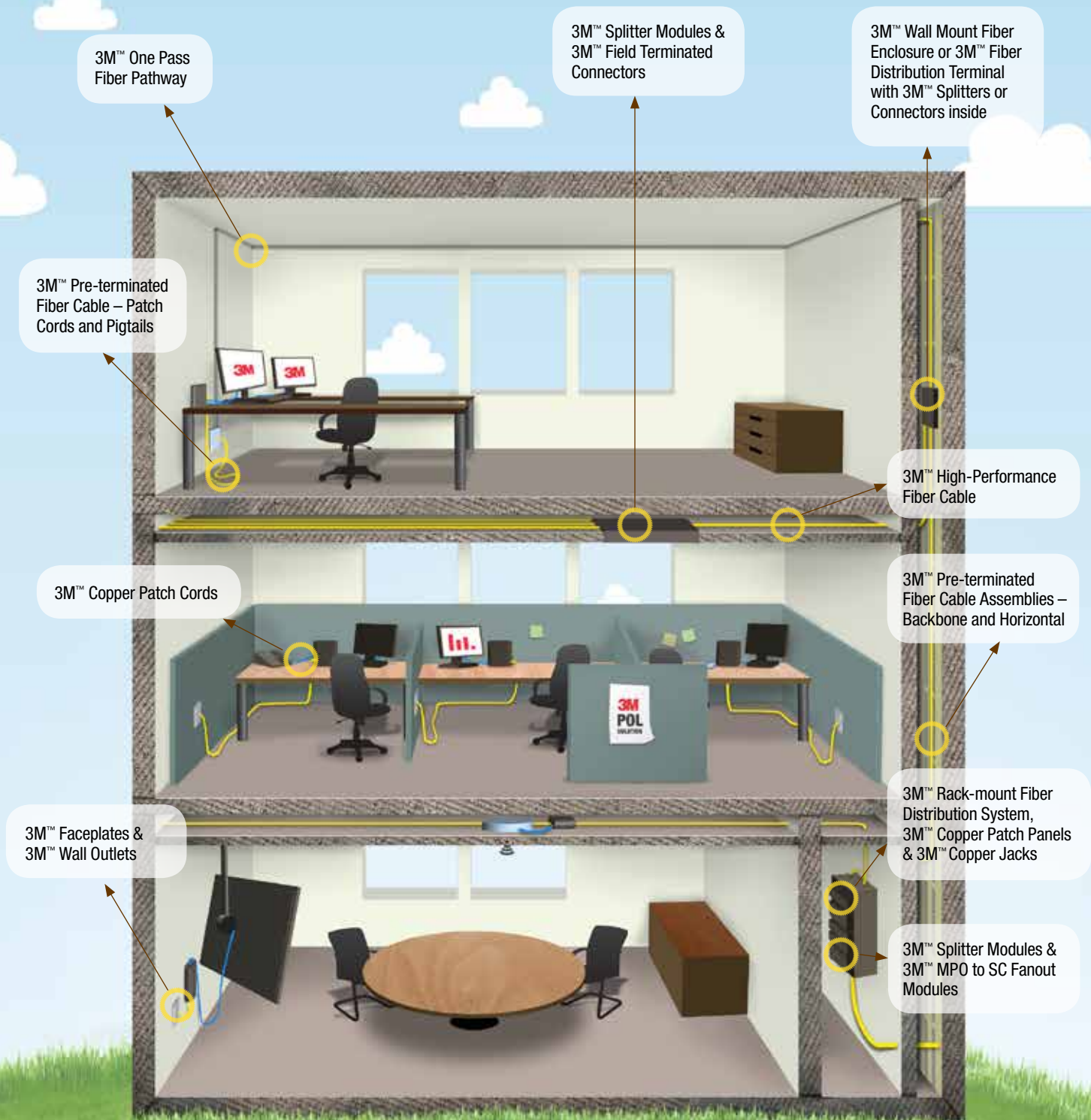
Optimized
End-to-end
Solutions

*Contact your 3M Sales Representative for details.

3M Provides End-to-End Passive Optical LAN Solutions

The 3M POLS portfolio offers a complete, end-to-end fiber solution. From the equipment room to the work area and everywhere in between, we offer plug-and-play connectivity, high reliability, and low cost of ownership. The result is a network that's better for the environment and your business.

3M™ One Pass Fiber Pathway

3M™ Splitter Modules & 3M™ Field Terminated Connectors

3M™ Wall Mount Fiber Enclosure or 3M™ Fiber Distribution Terminal with 3M™ Splitters or Connectors inside

3M™ Pre-terminated Fiber Cable – Patch Cords and Pigtails

3M™ High-Performance Fiber Cable

3M™ Copper Patch Cords

3M™ Pre-terminated Fiber Cable Assemblies – Backbone and Horizontal

3M™ Faceplates & 3M™ Wall Outlets

3M™ Rack-mount Fiber Distribution System, 3M™ Copper Patch Panels & 3M™ Copper Jacks

3M™ Splitter Modules & 3M™ MPO to SC Fanout Modules

3M™ High-performance Singlemode Fiber Cable

Latest technology in fiber optics

- Choice of cable constructions, fiber counts and performance levels
- Offering bend insensitive fiber with bend radius down to 5 mm
- Available for Plenum, Riser or General application use
- Easy strip for fast field termination
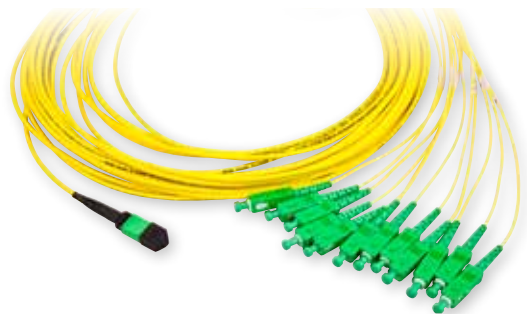- Minimum order quantity is one 500 meter spool

Ordering Information

Product Number	Description	3M ID
G.657 A2 / B2 BIF 7.5 mm bend radius, tight buffered		
	ROUND RISER	
A2T-RRI-06	6 fiber, 6.0 mm diameter	80-6114-8329-0
A2T-RRI-12	12 fiber, 7.0 mm diameter	80-6114-8330-8
A2T-RRI-24	24 fiber, 8.1 mm diameter	80-6114-8331-6
	ROUND RISER BOTH INDOOR/OUTDOOR	
A2T-RRB-12	12 fiber, 7.0 mm diameter	80-6114-8064-3
A2T-RRB-24	24 fiber, 8.1 mm diameter	80-6114-8065-0
A2T-RRB-48	48 fiber, 16.8 mm diameter	80-6114-8066-8
	ROUND PLENUM	
A2T-RPI-01	1 fiber, 2.9 mm diameter	80-6114-8332-4
A2T-RPI-02	2 fiber, 2.9 mm diameter	80-6114-8333-2
A2T-RPI-06	6 fiber, 4.7 mm diameter	80-6114-8334-0
A2T-RPI-12	12 fiber, 5.8 mm diameter	80-6114-8335-7
A2T-RPI-24	24 fiber, 7.6 mm diameter	80-6114-8336-5
	ROUND LOW SMOKE ZERO HALOGEN (LSZH)	
A2T-RLI-01	1 fiber, 2.9 mm diameter	80-6114-8067-6
A2T-RLI-12	12 fiber, 7.1 mm diameter	80-6114-8069-2
	ROUND LSZH/OFNR BOTH INDOOR/OUTDOOR LOOSE TUBE	
A2L-RBB-12	12 fiber, 10.1 mm diameter	80-6114-8075-9
A2L-RBB-24	24 fiber, 10.1 mm diameter	80-6114-8076-7
A2L-RBB-48	48 fiber, 10.1 mm diameter	80-6114-8077-5
	ZIPCORD PLENUM	
A2T-ZPI-02	2 fiber, 2.9 mm diameter	80-6114-8337-3
	ZIPCORD LSZH	
A2T-ZLI-02	2 fiber, 2.0 mm diameter	80-6114-8078-3
	ARMORED	
A2T-API-06	6 fiber, 11.9 mm diameter	80-6114-8338-1
A2T-API-12	12 fiber, 13.0 mm diameter	80-6114-8339-9
A2T-API-24	24 fiber, 14.7 mm diameter	80-6114-8340-7
G.657 B3 BIF 5.0 mm bend radius, tight buffered		
	ROUND PLENUM	
B3T-RPI-01	1 fiber, 2.9 mm diameter	80-6114-8492-6
B3T-RPI-02	2 fiber, 2.9 mm diameter	80-6114-8493-4
	ZIPCORD	
B3T-ZPI-02	2 fiber, 2.0 mm diameter	80-6114-8494-2

3M™ Pre-terminated Fiber Cable – Trunk and Horizontal

Singlemode multi-fiber trunk cable assemblies

- 8 or 12 fiber MPO to MPO or 8 or 12 fiber MPO to SC/APC
- Provide quick and easy installation between floors or from floor distributor to the horizontal zone area distribution
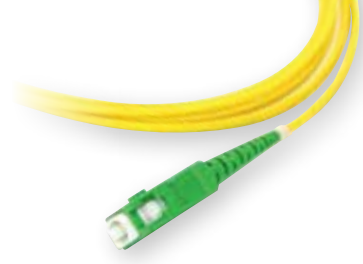
Ordering Information

Product Number	3M ID	Product Number (Armored Version)	3M ID
12-Fiber, MPO to MPO unpinned, straight through, G.657 A2/B2, yellow, Plenum			
DMPMP-RPYL015, 15 m (50 ft)	80-6114-8382-9	DMPMP-RAYL015, 15 m (50 ft)	80-6114-8388-6
DMPMP-RPYL030, 30 m (100 ft)	80-6114-8383-7	DMPMP-RAYL030, 30 m (100 ft)	80-6114-8389-4
DMPMP-RPYL046, 46 m (150 ft)	80-6114-8384-5	DMPMP-RAYL046, 46 m (150 ft)	80-6114-8390-2
DMPMP-RPYL061, 61 m (200 ft)	80-6114-8385-2	DMPMP-RAYL061, 61 m (200 ft)	80-6114-8391-0
DMPMP-RPYL076, 76 m (250 ft)	80-6114-8386-0	DMPMP-RAYL076, 76 m (250 ft)	80-6114-8392-8
DMPMP-RPYL091, 91 m (300 ft)	80-6114-8387-8	DMPMP-RAYL091, 91 m (300 ft)	80-6114-8393-6
12-Fiber, SC/APC to MPO unpinned, straight through, G.657 A2/B2, yellow, Plenum			
DEPMP-RPYL015, 15 m (50 ft)	80-6114-8394-4	DEPMP-RAYL015, 15 m (50 ft)	80-6114-8400-9
DEPMP-RPYL030, 30 m (100 ft)	80-6114-8395-1	DEPMP-RAYL030, 30 m (100 ft)	80-6114-8401-7
DEPMP-RPYL046, 46 m (150 ft)	80-6114-8396-9	DEPMP-RAYL046, 46 m (150 ft)	80-6114-8402-5
DEPMP-RPYL061, 61 m (200 ft)	80-6114-8397-7	DEPMP-RAYL061, 61 m (200 ft)	80-6114-8403-3
DEPMP-RPYL076, 76 m (250 ft)	80-6114-8398-5	DEPMP-RAYL076, 76 m (250 ft)	80-6114-8404-1
DEPMP-RPYL091, 91 m (300 ft)	80-6114-8399-3	DEPMP-RAYL091, 91 m (300 ft)	80-6114-8405-8
8-Fiber, MPO to MPO unpinned, straight through, G.657 A2/B2, yellow, Plenum			
DMEME-SPYL015, 15 m (50 ft)	80-6114-8406-6	DMEME-SAYL015, 15 m (50 ft)	80-6114-8412-4
DMEME-SPYL030, 30 m (100 ft)	80-6114-8407-4	DMEME-SAYL030, 30 m (100 ft)	80-6114-8413-2
DMEME-SPYL046, 46 m (150 ft)	80-6114-8408-2	DMEME-SAYL046, 46 m (150 ft)	80-6114-8414-0
DMEME-SPYL061, 61 m (200 ft)	80-6114-8409-0	DMEME-SAYL061, 61 m (200 ft)	80-6114-8415-7
DMEME-SPYL076, 76 m (250 ft)	80-6114-8410-8	DMEME-SAYL076, 76 m (250 ft)	80-6114-8416-5
DMEME-SPYL091, 91 m (300 ft)	80-6114-8411-6	DMEME-SAYL091, 91 m (300 ft)	80-6114-8417-3
8-Fiber, SC/APC to MPO unpinned, straight through, G.657 A2/B2, yellow, Plenum			
DEPME-SPYL015, 15 m (50 ft)	80-6114-8418-1	DEPME-SAYL015, 15 m (50 ft)	80-6114-8424-9
DEPME-SPYL030, 30 m (100 ft)	80-6114-8419-9	DEPME-SAYL030, 30 m (100 ft)	80-6114-8425-6
DEPME-SPYL046, 46 m (150 ft)	80-6114-8420-7	DEPME-SAYL046, 46 m (150 ft)	80-6114-8426-4
DEPME-SPYL061, 61 m (200 ft)	80-6114-8421-5	DEPME-SAYL061, 61 m (200 ft)	80-6114-8427-2
DEPME-SPYL076, 76 m (250 ft)	80-6114-8422-3	DEPME-SAYL076, 76 m (250 ft)	80-6114-8428-0
DEPME-SPYL091, 91 m (300 ft)	80-6114-8423-1	DEPME-SAYL091, 91 m (300 ft)	80-6114-8429-8

Tight Bend Singlemode Fiber Pre-terminated Horizontal Cables

- Offered in 1 or 2 fiber, SC/APC terminated on one end or both
- Optimally allows for on-site fiber termination on one end
- Indoor Plenum Cable
- 7.5 mm bend radius fibers

3M™ Pre-terminated Fiber Cable – Horizontal Cables (two ends terminated) Ordering Information

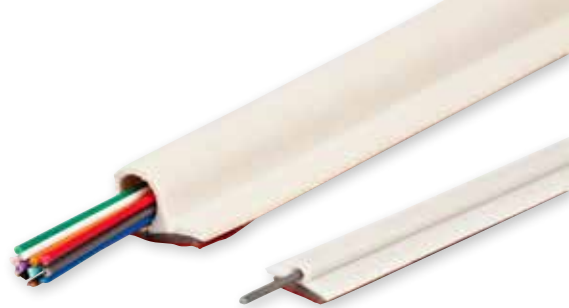| Product Number	Description	3M ID
ROUND PLENUM		
AEPEP-CXIV025	Patch cord, SC/APC-SC/APC A2 simplex OFNP 2.0 jacket, ivory, 25 m (82 ft)	80-6114-7910-8
AEPEP-CXIV030	Patch cord, SC/APC-SC/APC A2 simplex OFNP 2.0 jacket, ivory, 30 m (100 ft)	80-6114-7911-6
AEPEP-CXIV060	Patch cord, SC/APC-SC/APC A2 simplex OFNP 2.0 jacket, ivory, 60 m (197 ft)	80-6114-7912-4
AEPEP-CXIV075	Patch cord, SC/APC-SC/APC A2 simplex OFNP 2.0 jacket, ivory, 75 m (246 ft)	80-6114-7913-2
AEPEP-CXIV090	Patch cord, SC/APC-SC/APC A2 simplex OFNP 2.0 jacket, ivory, 90 m (295 ft)	80-6114-7914-0
AEPEP-CXIV150	Patch cord, SC/APC-SC/APC A2 simplex OFNP 2.0 jacket, ivory, 150 m (492 ft)	80-6114-7915-7
ZIPCORD		
AEPEP-CSIV025	Patch cord, SC/APC-SC/APC A2 duplex ZIP OFNP 2.0 jacket, ivory, 25 m (82 ft)	80-6114-7938-9
AEPEP-CSIV030	Patch cord, SC/APC-SC/APC A2 duplex ZIP OFNP 2.0 jacket, ivory, 30 m (100 ft)	80-6114-7939-7
AEPEP-CSIV060	Patch cord, SC/APC-SC/APC A2 duplex ZIP OFNP 2.0 jacket, ivory, 60 m (197 ft)	80-6114-7940-5
AEPEP-CSIV075	Patch cord, SC/APC-SC/APC A2 duplex ZIP OFNP 2.0 jacket, ivory, 75 m (246 ft)	80-6114-7941-3
AEPEP-CSIV090	Patch cord, SC/APC-SC/APC A2 duplex ZIP OFNP 2.0 jacket, ivory, 90 m (295 ft)	80-6114-7942-1
AEPEP-CSIV150	Patch cord, SC/APC-SC/APC A2 duplex ZIP OFNP 2.0 jacket, ivory, 150 m (492 ft)	80-6114-7943-9

3M™ Pre-terminated Fiber Cable – Horizontal Cables (one end terminated) Ordering Information

Product Number	Description	3M ID
ROUND PLENUM		
AEP00-CXIV010	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 10 m (33 ft)	80-6114-7945-4
AEP00-CXIV025	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 25 m (82 ft)	80-6114-7946-2
AEP00-CXIV030	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 30 m (100 ft)	80-6114-7947-0
AEP00-CXIV060	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 60 m (197 ft)	80-6114-7948-8
AEP00-CXIV075	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 75 m (246 ft)	80-6114-7949-6
AEP00-CXIV090	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 90 m (295 ft)	80-6114-7950-4
AEP00-CXIV150	Pigtail, SC/APC A2 simplex OFNP 2.0 jacket, ivory, 150 m (492 ft)	80-6114-7951-2
AEP00-CSIV010	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 10 m (33 ft)	80-6114-7953-8
AEP00-CSIV025	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 25 m (82 ft)	80-6114-7954-6
AEP00-CSIV030	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 30 m (100 ft)	80-6114-7955-3
AEP00-CSIV060	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 60 m (197 ft)	80-6114-7956-1
AEP00-CSIV075	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 75 m (246 ft)	80-6114-7957-9
AEP00-CSIV090	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 90 m (295 ft)	80-6114-7958-7
AEP00-CSIV150	Pigtail, SC/APC A2 duplex OFNP 2.0 jacket, ivory, 150 m (492 ft)	80-6114-7959-5
AEP00-CXIV003	Pigtail, SC/APC A2/B2 simplex OFNP 2.0 jacket, ivory, 3 m (10 ft)	80-6114-7944-7
AEP00-CSIV003	Pigtail, SC/APC A2/B2 duplex OFNP 2.0 jacket, ivory, 3 m (10 ft)	80-6114-7952-0

3M™ One Pass Fiber Pathway

- 3M™ One Pass Fiber Pathway is a horizontal cable pathway and singlemode fiber distribution solution installed simultaneously in one pass on the wall just below the ceiling
- Utilizes 3M adhesive technology to adhere duct to wall
- Compatible with a variety of wall surfaces
- Available in a variety of lengths and pre-loaded with 6 or 12 fibers
- Factory terminated at one end with MPO connector (1 or 75 foot pigtail) or SC/APC fanout

3M™ One Pass Fiber Pathway with SC Connectors Ordering Information

Product Number	Description	3M ID
HALL-100-12-03-SCA-LH-IV	12-fiber duct with SC/APC connectors, left-hand orientation, 100 feet (30 m)	80-6113-3565-6
HALL-100-12-03-SCA-RH-IV	12-fiber duct with SC/APC connectors, right-hand orientation, 100 feet (30 m)	80-6113-3566-4
HALL-200-12-03-SCA-LH-IV	12-fiber duct with SC/APC connectors, left-hand orientation, 200 feet (60 m)	80-6113-3559-9
HALL-200-12-03-SCA-RH-IV	12-fiber duct with SC/APC connectors, right-hand orientation, 200 feet (60 m)	80-6113-3560-7
HALL-300-12-03-SCA-LH-IV	12-fiber duct with SC/APC connectors, left-hand orientation, 300 feet (90 m)	80-6113-3553-2
HALL-300-12-03-SCA-RH-IV	12-fiber duct with SC/APC connectors, right-hand orientation, 300 feet (90 m)	80-6113-3554-0

3M™ One Pass Fiber Pathway with MPO Connectors Ordering Information

Product Number	Description	3M ID
HALL-100-12-03-MPO-LH-IV-01	12-fiber duct with MPO connector, left-hand orientation, 100 feet (30 m), 1-foot pigtail	80-6113-8963-8
HALL-100-12-03-MPO-RH-IV-01	12-fiber duct with MPO connector, right-hand orientation, 100 feet (30 m), 1-foot pigtail	80-6113-8964-6
HALL-100-12-03-MPO-LH-IV-75	12-fiber duct with MPO connector, left-hand orientation, 100 feet (30 m), 75-foot pigtail	80-6113-8965-3
HALL-100-12-03-MPO-RH-IV-75	12-fiber duct with MPO connector, right-hand orientation, 100 feet (30 m), 75-foot pigtail	80-6113-8966-1
HALL-200-12-03-MPO-LH-IV-01	12-fiber duct with MPO connector, left-hand orientation, 200 feet (60 m), 1-foot pigtail	80-6113-8967-9
HALL-200-12-03-MPO-RH-IV-01	12-fiber duct with MPO connector, right-hand orientation, 200 feet (60 m), 1-foot pigtail	80-6113-8968-7
HALL-200-12-03-MPO-LH-IV-75	12-fiber duct with MPO connector, left-hand orientation, 200 feet (60 m), 75-foot pigtail	80-6113-8969-5
HALL-200-12-03-MPO-RH-IV-75	12-fiber duct with MPO connector, right-hand orientation, 200 feet (60 m), 75-foot pigtail	80-6113-8970-3
HALL-300-12-03-MPO-LH-IV-01	12-fiber duct with MPO connector, left-hand orientation, 300 feet (90 m), 1-foot pigtail	80-6113-8971-1
HALL-300-12-03-MPO-RH-IV-01	12-fiber duct with MPO connector, right-hand orientation, 300 feet (90 m), 1-foot pigtail	80-6113-8972-9
HALL-300-12-03-MPO-LH-IV-75	12-fiber duct with MPO connector, left-hand orientation, 300 feet (90 m), 75-foot pigtail	80-6113-8973-7
HALL-300-12-03-MPO-RH-IV-75	12-fiber duct with MPO connector, right-hand orientation, 300 feet (90 m), 75-foot pigtail	80-6113-8974-5

3M™ One Pass Mini Fiber Pathway Ordering Information

Product Number	Description	3M ID
ILU-100-01-SCA-IV-ILU-KIT	One Pass Mini Kit, Duct and Boxes, 100 ft. (30 m)	80-6113-8211-2
ILU-150-01-SCA-IV-ILU-KIT	One Pass Mini Kit, Duct and Boxes, 150 ft. (45 m)	80-6113-8415-9
ILU-100-01-000-IV	One Pass Mini Duct, No Terminations, 100 ft. (30 m)	80-6113-8212-0
ILU-150-01-000-IV	One Pass Mini Duct, No Terminations, 150 ft. (45 m)	80-6113-8451-4
ILU-300-01-000-IV	One Pass Mini Duct, No Terminations, 300 ft. (90 m)	80-6113-8869-7

3M™ One Pass Mini Fiber Pathway Accessories

Product Number	Description	3M ID
SM-MP-10-IV	One Pass Multipurpose Box	80-6113-8089-2
SM-SMALL-POE-10-IV	One Pass Small Surface-Mount Point-of-Entry Box	80-6113-8453-0
PLN-12-IV	One Pass Planar Corners	80-6113-3381-8
EXT-12-IV	One Pass Exterior Corners	80-6113-3382-6
INT-12-IV	One Pass Interior Corners	80-6113-3383-4
WC-12-IV	One Pass Window Cut Covers	80-6113-3384-2
TWF-12-IV	One Pass Thru Wall Funnel	80-6113-3719-9
20-I-T-KIT	One Pass Installation Tool Kit	80-6113-3620-9
800-U-C-KIT	One Pass Utility Cart Assembly Kit	80-6113-3595-3
BRIDGE-100-4	One Pass Bridge, Anchor Plate Kit	80-6113-3591-2
LNRSHT-25	One Pass Liner Sheet Kit	80-6113-3592-0
78-H-KIT	One Pass Hardware Kit	80-6113-3593-8
60-SM-T-KIT	One Pass Surface-Mount Wall Compatibility Test Kit	80-6113-3594-6
T-12-IV	One Pass T Covers	80-6113-8088-4
612-IAP	One Pass Installation Application Pole	80-6113-3724-9
ILU-SM-POE-WC-IV	One Pass Mini Surface-Mount POE Wall Cover	80-6113-8214-6
ILU-PLN-12-IV	One Pass Mini Planar Corners, 12 Corners Per Bag	80-6113-8215-3
ILU-ANCHOR-12-IV	One Pass Mini Mechanical Anchor, 12 Per Bag	80-6113-8216-1
ILU-BRIDGE-125-60	One Pass Mini Bridge Strip 12.5" Long 60 Per Kit	80-6113-8218-7
ILU-DUCT-INSTALL-TOOL	One Pass Mini Duct Installation Tool	80-6113-8219-5
ILU-DUCT-CHOMPER-TOOL	One Pass Mini Duct Flange Removal Tool	80-6113-8221-1
ILU-TOOL-KIT	One Pass Mini Installation Tool Kit, ILU	80-6113-8222-9
ILU-DUCT-STRIPPER-TOOL	One Pass Duct Stripper Tool	80-6113-8220-3
ILU-TEST-KIT ILU	Wall Surface Compatibility Test Kit	80-6113-9528-8
ILU-SM-WO-02-SCA-IV	One Pass Surface Mount Wall Outlet Box	80-6113-8213-8
ILU-SM-WO-02-SCU-IV	One Pass Surface Mount Wall Outlet, 2 fiber	80-6113-8488-6
—	Easy Trap Flip Holder (Tool only)	70-0713-1491-1
—	Easy Trap Duster (8" x 6" x 125')	70-0713-1346-7

NOTE: Please see 3M™ Faceplates & Wall Outlets section for 3M One Pass Mini wall outlet box information.
Additional products and accessories are available. For more information, please contact a 3M Sales Representative or consult these datasheets:
3M™ One Pass Fiber Pathway Datasheet - 80-6113-2874-3
3M™ One Pass Mini Fiber Pathway Datasheet - 80-6113-8334-2

3M™ Rack-mount Fiber Distribution System

Modular in design, the 3M™ Rack-mount Fiber Distribution Unit 8400 Series enclosures provide choices in one, two, three or four rack units of space.

- Easy access to rear compartment and jumpers
- Many modular adapter plates available
- Simple installation; less hardware required
- Use with one-, two- or 3-slot MPO and/or splitter modules

Ordering Information

Product Number	Description	Color	3M ID
8423	1RU FDU holds 3 plates; 1-slot wide ea.	Almond	80-6109-3697-5
8423-EXP	1RU FDU expansion ring holds 3 plates; 1-slot wide ea.	Almond	80-6109-3698-3
8425	4RU FDU holds 12 plates; 1-slot wide, 6 plates - 2-slot wide, 4 plates - 3-slot wide	Almond	80-6108-6082-9
8425-BPL	4RU FDU back panel with one 3M Splice Tray 2524-FT, locking doors, holds 12 plates; 1-slot wide, 6 plates - 2-slot wide, 4 plates - 3-slot wide	Almond	80-6108-6103-3
8423BK	1RU FDU holds 3 plates; 1-slot wide ea.	Black	80-6113-3542-5
8423BK-EXP	1RU FDU expansion ring holds 3 plates; 1-slot wide ea.	Black	80-6113-3544-1
8425BK	4RU FDU holds 12 plates; 1-slot wide, 6 plates - 2-slot wide, 4 plates - 3-slot wide	Black	80-6113-3545-8
8425BK-BPL	4RU FDU back panel with one 3M Splice Tray 2524-FT, locking doors holds 12 plates; 1-slot wide, 6 plates - 2-slot wide, 4 plates - 3-slot wide	Black	80-6113-3546-6

3M™ Rack-mount Panels for Modules and Adapter Plates

Ordering Information

Product Number	Description	Color	3M ID
8422BK-12SLT	3RU module mounting panel, flat 19 in., 12 slot	Black	80-6114-8435-5
8422BK-13SLT	3RU module mounting panel, flat 19 in., 13 slot	Black	80-6114-8436-3
8422BK-MP12SLT	3RU module mounting panel, flat 19 in., 12 slot with MPO fanout	Black	80-6114-8437-1

3M™ Pre-assembled Rack-mount Fiber Distribution Units

- Fiber pigtails already installed
- Enables easy installation and quick up-and-running time
- Many other configurations are available
- Ideal for use between active equipment and riser/horizontal interconnect or cross-connect

Ordering Information

Product Number	Description	Color	3M ID
8423BK-006B02	1RU FDU with 6 pre-installed SC/APC pigtails and 6 SM simplex adapters	Black	80-6113-9544-5
8423BK-012B02	1RU FDU with 12 pre-installed SC/APC pigtails and 12 SM simplex adapters	Black	80-6113-9545-2
8423BK-024B02	1RU FDU with 24 pre-installed SC/APC pigtails and 24 SM simplex adapters	Black	80-6113-9546-0
8423BK-048B02	2RU FDU with 48 pre-installed SC/APC pigtails and 48 SM simplex adapters	Black	80-6113-9547-8
8423BK-012C02	1RU FDU with 12 pre-installed LC/UPC pigtails and 12 SM duplex adapters	Black	80-6113-9553-6
8423BK-012L02	1RU FDU with 12 pre-installed 50 µm LOMMF LC pigtails and 12 aqua MM duplex adapters	Black	80-6113-9661-7

3M™ Wall-mount Fiber Distribution Units 8430 Series

- Low-profile enclosure design provides excellent cable management in low to medium fiber count installations
- Available with or without splitters pre-installed
- Separate lockable compartments
- Many modular adapter plates available

3M™ 8434 FDU Wall Box

Ordering Information

Product Number	Description	Color	3M ID
8432	FDU wall box, 9" tall (holds 2 plates)	Almond	80-6109-3490-5
8434	FDU wall box, 11" tall (holds 4 plates)	Almond	80-6109-3491-3
8436	FDU wall box, 18" tall (holds 6 plates)	Almond	80-6109-3492-1
8432BK	FDU wall box, 9" tall (holds 2 plates)	Black	80-6113-3548-2
8434BK	FDU wall box, 11" tall (holds 4 plates)	Black	80-6113-3549-0
8436BK	FDU wall box, 18" tall (holds 6 plates)	Black	80-6113-3550-8

3M™ Wall-mount Boxes for Modules and Adapter Plates

Ordering Information

Product Number	Description	Color	3M ID
8437BK-2HDM	Wall-mount box for 2 splitter modules	Black	80-6114-8432-2
8437BK-3HDM	Wall-mount box for 3 splitter modules	Black	80-6114-8433-0
8437BK-4HDM	Wall-mount box for 4 splitter modules	Black	80-6114-8434-8

3M™ Adapter Plates for Fiber Distribution System

Ordering Information

Product Number	Description	Color	3M ID
8403BK-CSA32	Plate, 3-slot wide, 32 port, SC/APC simplex adapters	Black	80-6114-8049-4
8401BK-CSA08	Plate, 1-slot wide, 8 port, SC/APC simplex adapters	Black	80-6114-8050-2
8424BK-QLS	8424-QLS plate 24 port, w/quad LC sm blue adapters	Black	80-6113-9593-2
8424BK-QLM	8424-QLM plate 24 port, w/quad LC mm beige adapters	Black	80-6113-9594-0
8424-QLSA	8424-QLSA plate 24 port, w/quad LC SM angle adapters	Almond	80-6113-9597-3
8424BK-QLSA	8424BK-QLSA plate 24 port, w/quad LC SM angle adapters	Black	80-6113-9598-1
8424-QLMQ	8424-QLMQ plate 24 port, w/quad LC MM aqua adapters	Almond	80-6113-9607-0
8424BK-QLMQ	8424BK-QLMQ plate 24 port, w/quad LC MM aqua adapters	Black	80-6113-9608-8
8424-QLM	8424-QLM plate 24 port, w/quad LC MM beige adapters	Almond	80-6113-3938-5
8424-QLS	8424-QLS plate 24 port, w/quad LC SM blue adapters	Almond	80-6113-3939-3
8412-DLM	8412-DLM plate 12 port, w/duplex LC MM beige adapters	Almond	80-6113-1450-3
8412-DLS	8412-DLS plate 12 port, w/duplex LC SM blue adapters	Almond	80-6113-1451-1
8412BK-DLM	8412BK-DLM plate 12 port, w/duplex LC MM beige adapters	Black	80-6113-1452-9
8412BK-DLS	8412BK-DLS plate 12 port, w/duplex LC SM blue adapters	Black	80-6113-1453-7
8406BK-CS	Plate, 6 port, with SC singlemode adapters	Black	80-6113-3523-5
8406BK-CSA	Plate, 6 port, with SC singlemode angle polish adapters	Black	80-6113-3524-3
8406-CS	Plate, 6 port, with SC singlemode adapters	Almond	80-6108-6196-7
8406-CSA	Plate, 6 Port, with SC singlemode angle polish adapters	Almond	80-6108-6212-2
8408BK-CS	Plate, 8 Port, with SC singlemode adapters	Black	80-6113-3531-8

3M™ Adapter Plates Ordering Information (continued)

Product Number	Description	Color	3M ID
8408BK-CSA	Plate, 8 Port, with SC singlemode angle polish adapters	Black	80-6113-3532-6
8408-CS	Plate, 8 Port, with SC singlemode adapters	Almond	80-6108-6198-3
8408-CSA	Plate, 8 Port, with SC singlemode angle polish adapters	Almond	80-6108-6213-0
8412BK-DCS	Plate, 12 Port, with Duplex SC singlemode adapters	Black	80-6113-3538-3
8412BK-DCSA	Plate, 12 Port, with Duplex SC singlemode angle polsh SM adapters	Black	80-6113-8084-3
8412-DCS	Plate, 12 Port, with Duplex SC singlemode adapters	Almond	80-6108-6203-1
8412-DCSA	Plate, 12 Port, with Duplex SC singlemode angle polish adapters	Almond	80-6113-8083-5

3M™ 1RU Rack-mount Splitter Shelves

- 19-inch 1RU self-contained splitter shelf assemblies
- Offer easy pay-as-you-grow rack-and-stack configurations
- Use with second fiber patch panel for cross connect or stand alone for interconnect solution
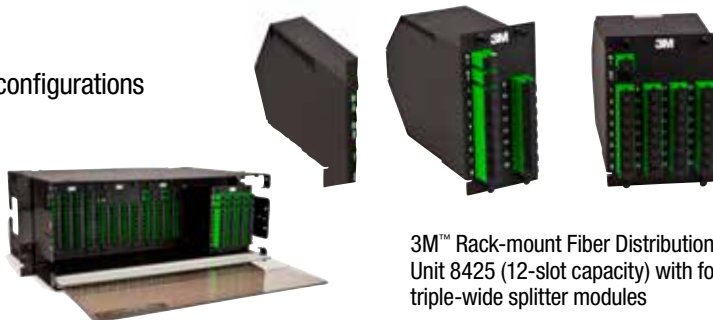
3M™ 8421 BK-4X 108
Optional Patch Cord Tray

Ordering Information

Product Number	Description	Color	3M ID
8421BK-132	Splitter shelf 1 rack unit, one 1X32 SC/APC in/out	Black	80-6114-8025-4
8421BK-232	Splitter shelf 1 rack unit, one 2X32 SC/APC in/out	Black	80-6114-8026-2
8421BK-2X116	Splitter shelf 1 rack unit, two 1X16 SC/APC in/out	Black	80-6114-8027-0
8421BK-2X216	Splitter shelf 1 rack unit, two 2X16SC/APC in/out	Black	80-6114-8028-8
8421BK-4X108	Splitter shelf 1 rack unit, four 1X8 SC/APC in/out	Black	80-6114-8029-6
8421BK-MGR	Patch cord management tray for 19" splitter shelf	Black	80-6114-8430-6

3M™ Splitter Modules

- Allows for flexible configurations, mix-and-match in configurations with MPO fanout modules
- 1-, 2- or 3-slot-wide splitter modules
- Self-contained, SC/APC pre-connectorized units
- Installs easily into various 3M fiber enclosure slots
- Use with various 3M enclosures and/or panels

3M™ Rack-mount Fiber Distribution Unit 8425 (12-slot capacity) with four triple-wide splitter modules

Ordering Information

Product Number	Description	Color	3M ID
8443BK-132	Splitter module, 3-slot wide, one 1X32 SC/APC in/out	Black	80-6114-8034-6
8443BK-232	Splitter module, 3-slot wide, one 2X32 SC/APC in/out	Black	80-6114-8035-3
8443BK-2x116	Splitter module, 3-slot wide, two 1X16 SC/APC in/out	Black	80-6114-8036-1
8443BK-2X216	Splitter module, 3-slot wide, two w SC/APC in/out	Black	80-6114-8037-9
8443BK-4X108	Splitter module, 3-slot wide, four 1X8 SC/APC in/out	Black	80-6114-8038-7
8443BK-4X208	Splitter module, 3-slot wide, four 2X8 SC/APC in/out	Black	80-6114-8039-5
8442BK-116	Splitter module, 2-slot wide, one 1x16 SC/APC in/out	Black	80-6114-8040-3
8442BK-216	Splitter module, 2-slot wide, one 2x16 SC/APC in/out	Black	80-6114-8041-1
8441BK-108	Splitter module, 1-slot wide, one 1X8 SC/APC in/out	Black	80-6114-8043-7
8441BK-204	Splitter module, 1-slot wide, one 2X4 SC/APC in/out	Black	80-6114-8091-6
8441BK-208	Splitter module, 1-slot wide, two 2X8 SC/APC in/out	Black	80-6114-8044-5
8441BK-2X102	Splitter module, 1-slot wide, two 1X2 SC/APC in/out	Black	80-6114-8092-4
8441BK-2X104	Splitter module, 1-slot wide, two 1X4 SC/APC in/out	Black	80-6114-8045-2

3M™ MPO to SC/APC Fan-out Shelves

- 19-inch 1RU self-contained MPO to SC/APC shelf assemblies
- Easy install for rack and stack configurations
- Optimized for 12 or 24 fiber increments
- Use with second fiber patch panel for cross-connect or stand-alone for interconnect switch

Ordering Information

Product Number	Description	Color	3M ID
8424BK-MR12CSA	1 RU fanout shelf with 1 MPO rear input to 12 SC/APC	Black	80-6114-8031-2
8424BK-2MR24CSA	1 RU fanout shelf with 2 MPO rear input to 24 SC/APC	Black	80-6114-8033-8
8421BK-MGR	Patch cord management tray for 19" shelves	Black	80-6114-8430-6
8421BK-RNG	Patch cord management rings, 1 RU for 19" shelves	Black	80-6114-8431-4

3M™ MPO to SC/APC Fan-out Modules

- One or two slot wide self-contained MPO fan-out modules
- Tool-less installation, fits easily into fiber enclosure slots
- Use between riser multi-fiber trunk cable assemblies and horizontal multi-fiber trunk splitters
- Can also be used in ceiling/wall enclosures between cable assemblies and patch cords to outlets or ONTs

Ordering Information

Product Number	Description	Color	3M ID
8402BK-M12SCA	MPO fanout module, 2-slot wide, one MPO input with 12 SC/APC output	Black	80-6114-8042-9
8401BK-M8SCA	MPO fanout module, 1-slot wide, one MPO input with 8 SC/APC output	Black	80-6114-8046-0

3M™ Field-terminated Connectors

- Provides fast, easy field termination of singlemode fiber
- One-piece pre-assembled design eliminates small, loose parts
- Simple assembly tools enable fast installation without electrical power

3M™ Fibrlok™ II Splice 2529	3M™ No Polish SC/APC Connector 1.6 to 3.0 mm Jacket 8802-T/APC/FS/1.6-3	3M™ No Polish Connector SC/APC 8800-APC/FS	3M™ Crimplok™+ Connector 8700-APC
- Low mean insertion loss of < 0.1 dB - Ideal for restoration or permanent splice applications - Splice for Singlemode or Multimode fibers either 250 μm coated or 900 μm buffered	- Pre-polished ferrule - Low mean insertion loss of <0.3 dB - Reflection performance typ. -55 dB - For excellent side pull performance connectorize with 1.6 to 3.0mm kink resistant cable.	- Pre-polished ferrule - Low mean insertion loss of <0.3 dB - Reflection performance typ. -55 dB - Bell-shaped boot helps keep fiber from kinking, even during side pull - Provides on-site installation of 250 μm/900 μm singlemode fiber	- No splice, gel or adhesive - Fiber goes all the way through - Optical performance from -40°F to 167°F - Reflection performance of < -60 dB - Provides on-site installation of 250 μm/ 900 μm singlemode fiber

Ordering Information

3M ID: 80-6107-5589-6	3M ID: 80-6113-3509-4	3M ID: 80-6113-2626-7	3M ID: 80-6113-8068-6

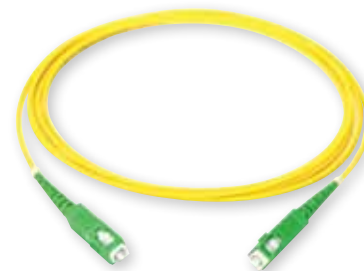Note: Many other connector styles available. For more information, contact your 3M sales representative.

3M™ Fiber Termination & Splice Kits

3M Termination Kits provide the tools and materials necessary to terminate the major fiber optic connectors in the industry today. Kits are available to meet your needs in terminating a variety of connectors.

Product Number	Description	3M ID
8765-APC	Crimplok+ SC/APC Connector Kit	80-6113-8073-6
8865-C	No Polish Connector Kit with cleaver	80-6113-2379-3
8865	No Polish Connector Kit (no cleaver)	80-6113-2378-5
8865-C/PR	No Polish Connector Premium Kit with cleaver	80-6113-8783-0
2559-C	Fibrlok Splice Kit with cleaver	80-6113-2376-9
2559	Fibrlok Splice Kit (no cleaver)	80-6113-2375-1

3M™ Pre-terminated Fiber Cable – Patch Cords and Pigtails

- Available in a variety of lengths
- SC/APC, SC/UPC and LC/UPC available
- Simplex and duplex singlemode and multimode options

3M™ Fiber Patch Cords Ordering Information - Plenum

Product Number	Description	3M ID
AEPEP-CXIV003	Singlemode patch cord, SC/APC-SC/APC A2/B2 simplex OFNP 2.0 jacket, ivory, 3 m (10 ft)	80-6114-7908-2
AEPEP-CXIV010	Singlemode patch cord, SC/APC-SC/APC A2/B2 simplex OFNP 2.0 jacket, ivory, 10 m (33 ft)	80-6114-7909-0
AEPEP-CSIV003	Patch cord, SC/APC-SC/APC A2/B2 duplex ZIP OFNP 2.0 jacket, ivory, 3 m (10 ft)	80-6114-7936-3
AEPEP-CSIV010	Patch cord, SC/APC-SC/APC A2/B2 duplex ZIP OFNP 2.0 jacket, ivory, 10 m (33 ft)	80-6114-7937-1

3M™ Fiber Patch Cords Ordering Information - Riser

Product Number	Description	3M ID
ROUND RISER		
ADAEP-ARYL001	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 1 m (3 ft)	80-6114-7916-5
ADAEP-ARYL003	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 3 m (10 ft)	80-6114-7917-3
ADAEP-ARYL005	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 5 m (17 ft)	80-6114-7918-1
ADAEP-ARYL010	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 10 m (33 ft)	80-6114-7919-9
AEPEP-ARYL001	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 1 m (3 ft)	80-6114-7920-7
AEPEP-ARYL003	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 3 m (10 ft)	80-6114-7921-5
AEPEP-ARYL005	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 5 m (17 ft)	80-6114-7922-3
AEPEP-ARYL010	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 10 m (33 ft)	80-6114-7923-1
ZIP CORD		
ADADA-CRYL001	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 1 m (3 ft)	80-6114-7928-0
ADADA-CRYL003	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 3 m (10 ft)	80-6114-7929-8
ADADA-CRYL005	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 5 m (17 ft)	80-6114-7930-6
ADADA-CRYL010	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 10 m (33 ft)	80-6114-7931-4
ADTDT-CRYL001	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 1 m (3 ft)	80-6114-7932-2
ADTDT-CRYL003	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 3 m (10 ft)	80-6114-7933-0
ADTDT-CRYL005	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 5 m (17 ft)	80-6114-7934-8
ADTDT-CRYL010	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 10 m (33 ft)	80-6114-7935-5
BDUDU-AWAQ001	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 1 m (3 ft)	80-6114-7960-3
BDUDU-AWAQ003	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 3 m (10 ft)	80-6114-7961-1
BDUDU-AWAQ005	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 5 m (17 ft)	80-6114-7962-9
BDUDU-AWAQ010	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 10 m (33 ft)	80-6114-7963-7

3M™ Fiber Pigtails Ordering Information

Product Number	Description	3M ID
AEP00-KIT-002	Singlemode pigtail kit, SC/APC A2/B2 simplex 900 µm buffer, 12 colors, 2 m (7 ft)	80-6114-7964-5
AEP00-BIBL002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, blue, 2 m (7 ft)	80-6114-7965-2
AEP00-BIOR002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, orange, 2 m (7 ft)	80-6114-7966-0
AEP00-BIGR002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, green, 2 m (7 ft)	80-6114-7967-8
AEP00-BIBR002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, brown, 2 m (7 ft)	80-6114-7968-6
AEP00-BISL002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, slate, 2 m (7 ft)	80-6114-7969-4
AEP00-BIWH002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, white, 2 m (7 ft)	80-6114-7970-2
AEP00-BIRD002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, red, 2 m (7 ft)	80-6114-7971-0
AEP00-BIBK002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, black, 2 m (7 ft)	80-6114-7972-8
AEP00-BIYL002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, yellow, 2 m (7 ft)	80-6114-7973-6
AEP00-BIVI002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, violet, 2 m (7 ft)	80-6114-7974-4
AEP00-BIRS002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, rose, 2 m (7 ft)	80-6114-7975-1
AEP00-BIAQ002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, aqua, 2 m (7 ft)	80-6114-7976-9

3M™ Faceplates & Wall Outlets

- Provides wall outlet transition from horizontal fiber cable to workstation patchcord
- Designed for multiple SC fiber outlets in a single housing
- 8686 outlet includes RJ45 copper jack capability and two-fiber splice organizer
- 8687 adapter inserts turn any RJ45 socket into a SC/APC adapter/coupler

3M™ Wall Outlet with 8687 to SC Adapter Inserts

3M™ One Pass Mini Surface-mount Wall Outlet

Ordering Information

Product Number	Description	3M ID
ILU-SM-WO-02-SCA-IV	One Pass Mini Surface-Mount Wall Outlet, two SC	80-6113-8213-8
8686	Surface-mount wall outlet with 2 SC and 1 RJ45	XS-0038-0066-0
8687	Modular outlet to SC Adapter Insert, white	XS-0038-8477-1
8687-SC	Modular outlet to SC Adapter Insert with SC/APC Adapter, white	80-6114-8095-7
VOL-0712B	Faceplate, 2-port, RJ45, bright white	MY-0000-5711-6
VOL-0712B	Faceplate, 2-port, RJ45, office white	MY-0000-5712-4
VOL-0714	Faceplate, 4-port, RJ45, bright white	MY-0000-5713-2
VOL-0714B	Faceplate, 4-port, RJ45, office white	MY-0000-5714-0

3M™ Rack-mount Copper Patch Panels

- 3M patch panels provide rack-mountable presentation of 24 RJ45 jacks in 1RU or 48 RJ45 jacks in 2RU
- Sturdy aluminum construction with classic flat black paint
- Secure cable management in back
- Use for configurations where multi-port ONTs are installed in the Telecom Room with copper horizontal cabling to end devices

Ordering Information

Product Number	Description	3M ID
VOL-PPCB-F24K	Patch panel with 24 ports, black	FQ-1000-6881-3
VOL-PPCB-F48K	Patch panel with 48 ports, black	FQ-1000-6883-9

3M™ RJ45 Copper Jacks

- Reusable and tool-less jack enables quick, easy installation
- Common clip-in mounting within patch panels and faceplates
- Unshielded Twisted Pair cable (UTP)

Ordering Information

Product Number	Description	3M ID
VOL-OCK6-U-AL	RJ45 Cat. 6 UTP jack, almond (Bag of 8)	FQ-1000-3122-5
VOL-OCK6-U-BK	RJ45 Cat. 6 UTP jack, black (Bag of 8)	FQ-1000-3120-9
VOL-OCK6-U-BL	RJ45 Cat. 6 UTP jack, blue (Bag of 8)	FQ-1000-3116-7
VOL-OCK6-U-G	RJ45 Cat. 6 UTP jack, green (Bag of 8)	FQ-1000-3117-5
VOL-OCK6-U-O	RJ45 Cat. 6 UTP jack, orange (Bag of 8)	FQ-1000-3121-7
VOL-OCK6-U-R	RJ45 Cat. 6 UTP jack, red (Bag of 8)	FQ-1000-3118-3
VOL-OCK6-U-W8	RJ45 Cat. 6 UTP jack, white (Bag of 8)	FQ-1000-3125-8
VOL-OCK6-U-Y	RJ45 Cat. 6 UTP jack, yellow (Bag of 8)	FQ-1000-3119-1

3M™ Copper Patch Cords

- Unshielded Twisted Pair cable (UTP) stranded cable
- Available in 8 colors and various lengths
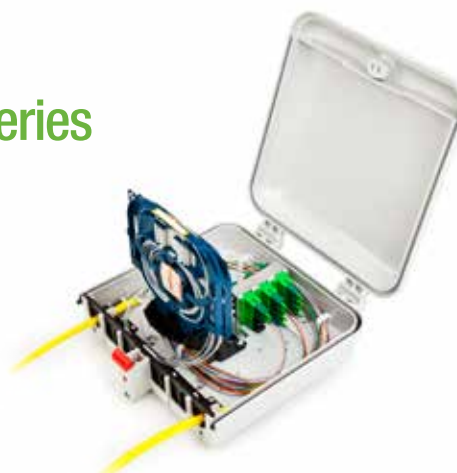- Snagless boot protects RJ45 latch
- Category 6

Ordering Information

Product Number	Description	3M ID
C06UC-BL001	Cat. 6, RJ45 CM 24AWG, stranded, blue, 1 m (3 ft)	80-6114-7977-7
C06UC-GR001	Cat. 6, RJ45 CM 24AWG, stranded, green, 1 m (3 ft)	80-6114-7981-9
C06UC-YL001	Cat. 6, RJ45 CM 24AWG, stranded, yellow, 1 m (3 ft)	80-6114-7985-0
C06UC-WH001	Cat. 6, RJ45 CM 24AWG, stranded, white, 1 m (3 ft)	80-6114-7989-2
C06UC-RD001	Cat. 6, RJ45 CM 24AWG, stranded, red, 1 m (3 ft)	80-6114-7993-4
C06UC-TN001	Cat. 6, RJ45 CM 24AWG, stranded, tan, 1 m (3 ft)	80-6114-7997-5
C06UC-OR001	Cat. 6, RJ45 CM 24AWG, stranded, orange, 1 m (3 ft)	80-6114-8001-5
C06UC-SL001	Cat. 6, RJ45 CM 24AWG, stranded, slate, 1 m (3 ft)	80-6114-8005-6
C06UC-BL002	Cat. 6, RJ45 CM 24AWG, stranded, blue, 2 m (7 ft)	80-6114-8374-6
C06UC-GR002	Cat. 6, RJ45 CM 24AWG, stranded, green, 2 m (7 ft)	80-6114-8375-3
C06UC-YL002	Cat. 6, RJ45 CM 24AWG, stranded, yellow, 2 m (7 ft)	80-6114-8376-1
C06UC-WH002	Cat. 6, RJ45 CM 24AWG, stranded, white, 2 m (7 ft)	80-6114-8377-9
C06UC-RD002	Cat. 6, RJ45 CM 24AWG, stranded, red, 2 m (7 ft)	80-6114-8378-7
C06UC-TN002	Cat. 6, RJ45 CM 24AWG, stranded, tan, 2 m (7 ft)	80-6114-8379-5
C06UC-OR002	Cat. 6, RJ45 CM 24AWG, stranded, orange, 2 m (7 ft)	80-6114-8380-3
C06UC-SL002	Cat. 6, RJ45 CM 24AWG, stranded, slate, 2 m (7 ft)	80-6114-8381-1
C06UC-BL003	Cat. 6, RJ45 CM 24AWG, stranded, blue, 3 m (10 ft)	80-6114-7978-5
C06UC-GR003	Cat. 6, RJ45 CM 24AWG, stranded, green, 3 m (10 ft)	80-6114-7982-7
C06UC-YL003	Cat. 6, RJ45 CM 24AWG, stranded, yellow, 3 m (10 ft)	80-6114-7986-8
C06UC-WH003	Cat. 6, RJ45 CM 24AWG, stranded, white, 3 m (10 ft)	80-6114-7990-0
C06UC-RD003	Cat. 6, RJ45 CM 24AWG, stranded, red, 3 m (10 ft)	80-6114-7994-2
C06UC-TN003	Cat. 6, RJ45 CM 24AWG, stranded, tan, 3 m (10 ft)	80-6114-7998-3
C06UC-OR003	Cat. 6, RJ45 CM 24AWG, stranded, orange, 3 m (10 ft)	80-6114-8002-3
C06UC-SL003	Cat. 6, RJ45 CM 24AWG, stranded, slate, 3 m (10 ft)	80-6114-8006-4
C06UC-BL005	Cat. 6, RJ45 CM 24AWG, stranded, blue, 5 m (17 ft)	80-6114-7979-3
C06UC-GR005	Cat. 6, RJ45 CM 24AWG, stranded, green, 5 m (17 ft)	80-6114-7983-5
C06UC-YL005	Cat. 6, RJ45 CM 24AWG, stranded, yellow, 5 m (17 ft)	80-6114-7987-6
C06UC-WH005	Cat. 6, RJ45 CM 24AWG, stranded, white, 5 m (17 ft)	80-6114-7991-8
C06UC-RD005	Cat. 6, RJ45 CM 24AWG, stranded, red, 5 m (17 ft)	80-6114-7995-9
C06UC-TN005	Cat. 6, RJ45 CM 24AWG, stranded, tan, 5 m (17 ft)	80-6114-7999-1
C06UC-OR005	Cat. 6, RJ45 CM 24AWG, stranded, orange, 5 m (17 ft)	80-6114-8003-1
C06UC-SL005	Cat. 6, RJ45 CM 24AWG, stranded, slate, 5 m (17 ft)	80-6114-8007-2
C06UC-BL010	Cat. 6, RJ45 CM 24AWG, stranded, blue, 10 m (33 ft)	80-6114-7980-1
C06UC-GR010	Cat. 6, RJ45 CM 24AWG, stranded, green, 10 m (33 ft)	80-6114-7984-3
C06UC-YL010	Cat. 6, RJ45 CM 24AWG, stranded, yellow, 10 m (33 ft)	80-6114-7988-4
C06UC-WH010	Cat. 6, RJ45 CM 24AWG, stranded, white, 10 m (33 ft)	80-6114-7992-6
C06UC-RD010	Cat. 6, RJ45 CM 24AWG, stranded, red, 10 m (33 ft)	80-6114-7996-7
C06UC-TN010	Cat. 6, RJ45 CM 24AWG, stranded, tan, 10 m (33 ft)	80-6114-8000-7
C06UC-OR010	Cat. 6, RJ45 CM 24AWG, stranded, orange, 10 m (33 ft)	80-6114-8004-9
C06UC-SL010	Cat. 6, RJ45 CM 24AWG, stranded, slate, 10 m (33 ft)	80-6114-8008-0

3M™ Fiber Distribution Terminals PBO Series

- Wall-mount terminal designs for either splicing or connecting
- Secures connections between backbone and horizontal cables
- Compact size enables easy interconnect access
- Aesthetic design is suitable for open work areas

3M™ Fiber Distribution Terminal PBO S1
(shown with connectorized cable applications)

Ordering Information

Product Number	Description	3M ID
PBO-T1	Fiber Distribution Terminal with three 2540 splice trays (up to 36 splice capacity)	FQ-1000-7913-3
PBO-S1	Fiber Distribution Terminal with 12 SC/APC Adapters and one 2540 splice tray	FQ-1000-7908-3
PBO-BRKT	Mounting Brackets	FQ-1000-7916-6

3M™ Fiber Distribution Terminal PBPO Series

- Compact size fits easily in tight spaces
- Enables service of up to 12 subscribers
- Available with or without splitters pre-installed

3M™ Fiber Distribution Terminal PBO S1
(shown with connectorized cable applications)

Ordering Information

Product Number	Description	Color	3M ID
PBPO 6-12/ESR	Fiber Distribution Terminal, wall mount, external strain relief	White	FQ-1000-7004-1
PBPO 6-12/ISR	Fiber Distribution Terminal, wall mount, internal strain relief	White	FQ-1000-8097-4
PBPOC/6-12	Fiber Distribution Terminal, wall mount, for 12 SC adapters	White	FQ-1000-8098-2
PBPOC-104	Wall box with one 1X4 splitter, SC/APC	White	80-6114-8185-6
PBPOC-2X104	Wall box with two 1x4 Splitters, SC/APC	White	80-6114-8023-9
PBPOC-108	Wall box with one 1x8 Splitter, SC/APC	White	80-6114-8024-7

The Network of Networks

The 3M Network of Networks is a world leader in communication technology, connecting products, people and companies by harnessing the power of more than 45 technology platforms to create customer-centric innovations. The Network of Networks connects smart grids to smart phones, data centers to desktops, greenfield to brownfield, wireline to wireless and customers to their goals. To get the Network of Networks working for you, visit 3M.com/Telecom.

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Warranty

Contact your 3M Sales Representative for details on the 3M Product Warranty.

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