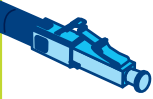
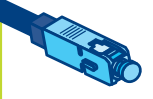
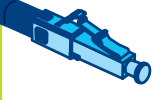
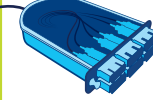


Terminating Fiber Optic Cable

Choose the connector with the features that are important to your customers.

PRODUCT	COST PER CONNECTOR	LABOR TIME	INSERTION LOSS RETURN LOSS	EQUIPMENT REQUIRED	CONNECTOR TECHNOLOGY
 FIELD MASTER®			GOOD	FIELD MASTER TOOL KIT	EPOXY POLISH
 FASTCONNECT®			BETTER	PRECISION CLEAVER	MECHANICAL
 FUSECONNECT®			BEST	FUSION SPLICER	FUSION SPLICE
 POLI-MOD®			BEST	FUSION SPLICER	FUSION SPLICE PIGTAIL

See our complete selection of field-installable connectors at
www.AFLglobal.com/Connectors

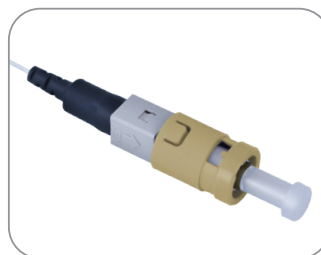
Connector Styles



LC



SC



ST



MPO

Connector Color Codes

OM1	BEIGE
OM2	BLACK
OM3 and OM4	AQUA

SM	BLUE
SM APC	GREEN

FASTConnect® Field-Installable Connectors



Features

- Pre-stubbed, factory polished ferrule
- No epoxy required
- Precision mechanical alignment ensures low loss
- Insertion Loss
 - SM UPC: 0.2 dB (avg.), 0.5 dB (max.)
 - SM APC: 0.3 dB (avg.), 0.6 dB (max.)
 - MM PC: 0.1 dB (avg.), 0.5 dB (max.)
- Fiber can be resealed

Applications

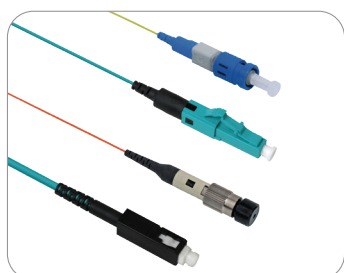
- Premise environments
- Connections at the desk for LAN environments
- Patch panels
- Direct equipment termination

CONNECTOR	CABLE TYPE	FIBER TYPE	HOUSING COLOR	DESCRIPTION	AFL NO.	
					PACKAGE OF 6	PACKAGE OF 100
FASTCONNECT LC						
LC/PC	900 μm	OM3/OM4	Aqua	FAST-LC, OM3/OM4	FAST-LC-MM50L-6	FAST-LC-MM50L-100
LC/PC	900 μm	62.5 μm	Beige	FAST-LC, OM1 62.5 μm	FAST-LC-MM62.5-6	FAST-LC-MM62.5-100
LC/UPC	900 μm	SM	Blue	FAST-LC, Single-mode	FAST-LC-SM-6	FAST-LC-SM-100
FASTCONNECT SC						
SC/PC	900 μm	OM3/OM4	Aqua	FAST-SC, OM3/OM4	FAST-SC-MM50L-6	FAST-SC-MM50L-100
SC/PC	900 μm	62.5 μm	Beige	FAST-SC, OM1 62.5 μm	FAST-SC-MM62.5-6	FAST-SC-MM62.5-100
SC/UPC	900 μm	SM	Blue	FAST-SC, Single-mode	FAST-SC-SM-6	FAST-SC-SM-100
SC/APC	900 μm	SM	Green	FAST-SCAPC (Flat Cleave), Single-mode	FAST-SC-SMAU-6	FAST-SC-SMAU-100
FASTCONNECT ST						
ST/PC	900 μm	62.5 μm	Beige	FAST-ST, OM1 62.5 μm	FAST-ST-MM62.5-6	FAST-ST-MM62.5-100
ST/UPC	900 μm	SM	Blue	FAST-ST, Single-mode	FAST-ST-SM-6	FAST-ST-SM-100
FASTCONNECT BOOT ONLY						
Boot Only	2 mm	N/A	N/A	FAST 2 mm boot (LC/SC/ST)	FAST-BOOT-2MM-6	FAST-BOOT-2MM-100
Boot Only	3 mm	N/A	N/A	FAST 3 mm boot (LC/SC/ST)	FAST-BOOT-3MM-6	FAST-BOOT-3MM-100

DESCRIPTION	AFL NO.
FASTCONNECT TOOL KIT	
FASTConnect Tool Kit with CT-50 Cleaver and Accessories —includes Cleaver, FAST Assembly Tool, FAST Assembly Tool, 3 mm Cable Clamp, 2 mm Cable Clamp, 0.25/0.9 mm Cable Clamp, Fiber Stripper, Kevlar Scissors, Fiber Preparation Fluid, Lint-free Cloth Wipes, Marker Pen, Installation Instructions, Strip Length Template and a Carrying Case.	CS001201

For more information, see [FASTConnect Fusion-Spliced Connectors spec sheet](#) or [FASTConnect Tool Kit spec sheet](#).

FUSEConnect® Fusion-Spliced, Field-Installable Connectors



FUSEConnect Connectors (SC, FC, LC, ST)

Features

- Utilizes a fusion splicer to terminate the connector in the field
- No adhesives, crimping or polishing
- True APC performance
- Compatible with most fusion splicers
- Insertion Loss
 - SM: 0.15 dB (avg.), 0.3 dB (max.)
 - MM: 0.10 dB (avg.), 0.3 dB (max.)
- SM compliance to GR-326-CORE
- MM compliance to TIA/EIA568C.3

Applications

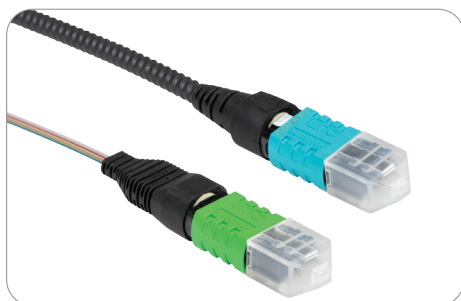
- RF-overlay TFTP networks
- Cable TV backbone networks
- Outside plant
- FTTH (Fiber-to-the-Home)
- MDU FTTH cabling
- Data center installation
- Central office connector replacement

CONNECTOR	CABLE TYPE	FIBER TYPE	HOUSING COLOR	DESCRIPTION	AFL NO.	
					PACKAGE OF 6	PACKAGE OF 100
LC CONNECTORS						
LC/PC	900 μm	OM3/OM4	Aqua	FUSE-LC, OM3/OM4	FUSE-LC9M50L-6	
LC/PC	900 μm	62.5 μm	Beige	FUSE-LC, OM1 62.5 μm	FUSE-LC9M62-6	
LC/UPC	900 μm	SM	Blue	FUSE-LC, Single-mode	FUSE-LC9SMU-6	
LC/APC	900 μm	SM	Green	FUSE-LC, Single-mode	FUSE-LC9SMA-6	
LC/PC	2 mm	OM3/OM4	Aqua	FUSE-LC, OM3/OM4	FUSE-LC2M50L-6	
LC/UPC	2 mm	SM	Blue	FUSE-LC, Single-mode	FUSE-LC2SMU-6	
SC CONNECTORS						
SC/PC	900 μm	OM3/OM4	Aqua	FUSE-SC, OM3/OM4	FUSE-SC9M50L-6	
SC/PC	900 μm	62.5 μm	Beige	FUSE-SC, OM1 62.5 μm	FUSE-SC9M62-6	
SC/UPC	900 μm	SM	Blue	FUSE-SC, Single-mode	FUSE-SC9SMU-6	
SC/APC	900 μm	SM	Green	FUSE-SC, Single-mode	FUSE-SC9SMA-6	
SC/UPC	3 mm	SM	Blue	FUSE-SC, Single-mode	FUSE-SC3SMU-6	
SC/APC	3 mm	SM	Green	FUSE-SC, Single-mode	FUSE-SC3SMA-6	
ST CONNECTORS						
ST/PC	900 μm	62.5 μm	Beige	FUSE-ST, OM1 62.5 μm	FUSE-ST9M62-6	
ST/UPC	900 μm	SM	Blue	FUSE-ST, Single-mode	FUSE-ST9SMU-6	

DESCRIPTION	AFL NO.
FUSECONNECT TOOL KIT	
FUSEConnect Tool Kit —includes Tool Case, Fiber Stripper, Kevlar Scissors, Lint-Free Wipes, Fiber Preparation Fluid, Permanent Marker, Cord Splitter Tool and FUSEConnect Accessory Kit.	FUSE-TL-KT
FUSEConnect Accessory Kit —Utility Storage Box, Clamp for holding 3 mm Simplex Cordage, Clamp for holding 2 mm Simplex Cordage, 250 µm / 900 µm Fiber Clamp, 3 mm FUSEConnect Fiber Holder, 2 mm FUSEConnect Fiber Holder, 900 µm FUSEConnect Fiber Holder, Sheath Clamps for use with Loose Tube Fiber and Fanout Kits.	FUSE-AC-KT

For more information, see [FUSEConnect Fusion-Spliced Connectors spec sheet](#) or [FUSEConnect Tool Kit spec sheet](#).

FUSEConnect® MPO Fusion-Spliced, Field-Installable Connectors



FUSEConnect MPO Connectors, Cable and Ribbon

Features

- Utilizes a fusion splicer to terminate the connector in the field
- Only six components
- No adhesives, crimping or polishing
- Field MPO polarity customization
- Includes 3.0 mm round and optical fiber ribbon flat boots in each pack
- Insertion Loss
 - SM: 0.25 dB (avg.), 0.75 dB (max.)
 - SM, Low Loss: 0.10 dB (avg.), 0.35 dB (max.)
 - MM: 0.10 dB (avg.), 0.35 dB (max.)

Applications

- Connectorization in:
 - RF-overlay FTTP networks
 - Cable TV backbone networks
 - Outside plant
 - MDU FTTP Cabling
- Connector restoration in the field
- Data center installation
- Patch cord customization in the field

CONNECTOR TYPE	FIBER TYPE	POLISH	CABLE SIZE		HOUSING COLOR	AFL NO. (PACKAGE OF 6)
			ROUND	FLAT		
MPO, Female (No Guide Pins)	Single-mode (OS1)	APC	3.0 mm	250 µm	Green	FUSEMPO-S-SMA-3-F-6
MPO, Male (Guide Pins)	Single-mode (OS1)	APC	3.0 mm	250 µm	Green	FUSEMPO-S-SMA-3-M-6
MPO, Female (No Guide Pins)	Single-mode (OS1)	APC	3.0 mm	250 µm	Mustard	FUSEMPO-S-LSMA-3-F-6
MPO, Male (Guide Pins)	Single-mode (OS1)	APC	3.0 mm	250 µm	Mustard	FUSEMPO-S-LSMA-3-M-6
MPO, Female (No Guide Pins)	Multimode 62.5 µm (OM1)	PC	3.0 mm	250 µm	Beige	FUSEMPO-S-MM6-3-F-6
MPO, Male (Guide Pins)	Multimode 62.5 µm (OM1)	PC	3.0 mm	250 µm	Beige	FUSEMPO-S-MM6-3-M-6
MPO, Female (No Guide Pins)	Multimode , 50 µm (OM4)	PC	3.0 mm	250 µm	Aqua	FUSEMPO-S-OM4-3-F-6
MPO, Male (Guide Pins)	Multimode , 50 µm (OM4)	PC	3.0 mm	250 µm	Aqua	FUSEMPO-S-OM4-3-M-6

DESCRIPTION	AFL NO.
TOOL KIT	
FUSEConnect MPO Tool Kit	FUSEMPO-TL-KT
ACCESSORIES	
RT-02 Ribbonize Tool	FUSE-R2-TL
FUSEConnect Stripping Tool (3.0 mm, 2.8 mm, 2.0 mm and 1.6 mm)	FUSE-ST-TL
FUSEConnect MPO Heater Attachment Tool	FUSE-HT-TL
MPO Boot Kit for Jacketed Ribbon (Pack of 6)	FUSEMPO-BOOT-JK-6

For more information, see [FUSEConnect MPO Fusion-Spliced Connectors spec sheet](#).

Poli-MOD® Patch and Splice Module



Features

- Up to 24-fiber interconnection capacity
- Up to 72-fiber interconnection capacity with MPO connectors
- LGX 118 compatibility (single-slot module)
- Available in SC, LC, ST and FC connector arrangements
- Shuttered LC connectors for increased dust protection
- Organized fiber routing
- Multi-directional cable entry access

Applications

- Telecommunications closets
- Data centers
- Customer premise
- LANs/WANs
- Central offices
- Hub sites
- Distributed Antenna Systems (DAS)

CONNECTOR	FIBER COUNT	FIBER TYPE	ADAPTER/HOUSING COLOR	DESCRIPTION	AFL NO. (1 PER BOX)
POLI-MOD WITH LC CONNECTORS					
LC/PC	12	OM3	Aqua	Poli-MOD, LC/PC, OM3 colored pigtails	PM-L-12-PLC-3-S-01
LC/PC	12	OM4	Aqua	Poli-MOD, LC/PC, OM4 colored pigtails	PM-L-12-PLC-4-S-01
LC/UPC	12	SM	Blue	Poli-MOD, LC/UPC, Single-mode colored pigtails	PM-L-12-ULC-0-S-01
LC/PC	24	OM3	Aqua	Poli-MOD, LC/PC, OM3 colored pigtails	PM-L-24-PLC-3-S-01
LC/PC	24	OM4	Aqua	Poli-MOD, LC/PC, OM4 colored pigtails	PM-L-24-PLC-4-S-01
LC/UPC	24	SM	Blue	Poli-MOD, LC/UPC, Single-mode colored pigtails	PM-L-24-ULC-0-S-01
POLI-MOD WITH SC CONNECTORS					
SC/PC	12	OM3	Aqua	Poli-MOD, SC/PC, OM3 colored pigtails	PM-L-12-PSC-3-S-01
SC/PC	12	OM4	Aqua	Poli-MOD, SC/PC, OM4 colored pigtails	PM-L-12-PSC-4-S-01
SC/UPC	12	SM	Blue	Poli-MOD, SC/UPC, Single-mode colored pigtails	PM-L-12-USC-0-S-01
SC/APC	12	SM	Green	Poli-MOD, SC/APC, Single-mode colored pigtails	PM-L-12-ASC-0-S-01
POLI-MOD WITH ST CONNECTORS					
ST/PC	12	OM1 62.5 µm	Metal	Poli-MOD, ST/PC, OM1 62.5 µm colored pigtails	PM-L-12-PST-1-S-01
ST/UPC	12	SM	Metal	Poli-MOD, ST/UPC, Single-mode colored pigtails	PM-L-12-UST-0-S-01
POLI-MOD WITH MPO CONNECTORS					
MPO/SM	72	SM	Black	Poli-MOD, MPO-Male, Single-mode ribbon pigtails	PM-L-72-MPO-0-R-01
MPO/OM4	72	OM4	Black	Poli-MOD, MPO-Male, OM4 ribbon pigtails	PM-L-72-MPO-4-R-01

For more information, see [Poli-MOD Patch and Splice Panel spec sheet](#).