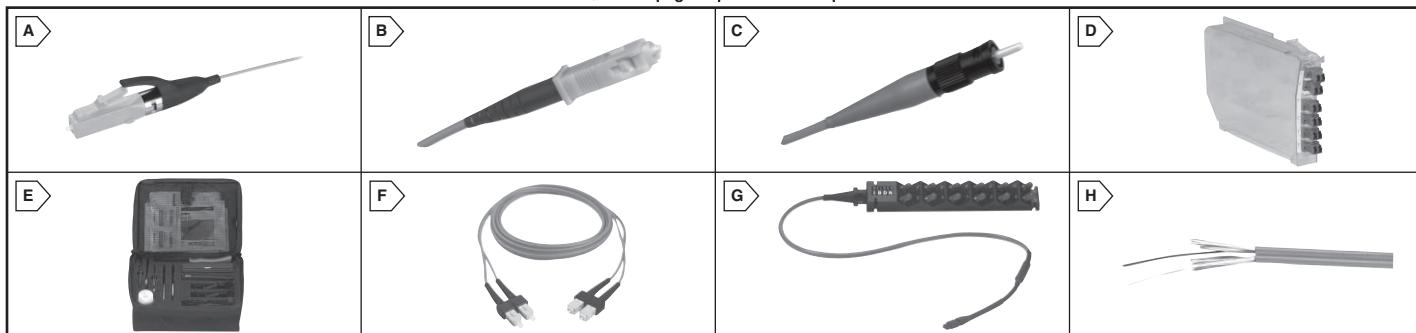


BELDEN Fiber Optic Products



RoHS Compliant This page of product is compliant.



OPTIMAX FIELD INSTALLABLE CONNECTORS

The Optimax Connectors are reliable field installable optical fiber connectors that are easy to install. They do not require epoxy, curing or polishing. Their unique design incorporates a factory polished fiber stub in a splice mechanism which provides a fast, secure, and reliable termination on optical fiber cables. All critical steps are performed in the factory, ensuring a superior-quality connection every time. These connectors are high-quality LC, SC and ST compatible connectors that use a ceramic ferrule with a physical contact (PC) polish for Multimode and super physical contact (SPC) polish for Singlemode that ensures the best possible mating of optical fibers.

ST=Straight Tip (Twist), SC= Standard Connector (Snap), LC= Local Connector (Snap)

• For 900mm Buffered Fiber Only

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|------------------|-----------------|------|----------------------|------------|-------|
| | | | | 1 | 2 |
| 566-AX101981 | AX101981 | A | LC 62.5µm, Multimode | 21.00 | 19.88 |
| 566-AX101982 | AX101982 | A | LC 50µm, Multimode | 21.00 | 19.88 |
| 566-AX101983 | AX101983 | A | LC Singlemode | 27.67 | 26.18 |
| 566-AX100029 | AX100029 | B | SC 62.5µm, Multimode | 17.26 | 16.34 |
| 566-AX101077 | AX101077 | B | SC 50µm, Multimode | 17.26 | 16.34 |
| 566-AX101792 | AX101792 | B | SC Singlemode | 26.92 | 25.48 |
| 566-A0408835 | A0408835 | C | ST 62.5µm, Multimode | 17.26 | 16.34 |
| 566-AX101075 | AX101075 | C | ST 50µm, Multimode | 17.26 | 16.34 |
| 566-AX101791 | AX101791 | C | ST, Singlemode | 26.92 | 25.48 |

Accessory Kits for Jacketed Fiber

For quantities of 10 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|------------------|-----------------|------|---|------------|------|
| | | | | 1 | 5 |
| 566-AX101984 | AX101984 | A | LC, Contains 2mm boot & crimp sleeve | 3.35 | 2.79 |
| 566-AX101794 | AX101794 | B | SC, Contains 3mm boot, crimp sleeves & cord adapter | 2.11 | 1.90 |
| 566-AX101793 | AX101793 | C | ST, Contains 3mm boot, crimp sleeves | 2.11 | 1.90 |

FIBER EXPRESS SECURE/KEYED LC MULTIMODE SYSTEM

The Fiber Express Secure/Keyed LC System allows for physical segregation of networks segment in secure fiber cabling infrastructures. All Secure/Keyed LC products are available with 6 different keying options each carrying a different color to facilitate network administrations. The keying detail inside the connector is totally tamper-resistant and cannot be re-produced inside a standard LC connector to violate the network security. All products comply with the FOCIS 10 standard and optical performance exceeded all industry standards for SFF connectors.

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|------------------|-----------------|------|--------------------|------------|-------|
| | | | | 1 | 2 |
| 566-AX102203 | AX102203 | A | 62.5µm Red (K1) | 25.34 | 22.73 |
| 566-AX102204 | AX102204 | A | 62.5µm Green (K2) | 25.34 | 22.73 |
| 566-AX102205 | AX102205 | A | 62.5µm Yellow (K3) | 25.34 | 22.73 |
| 566-AX102206 | AX102206 | A | 62.5µm Black (K4) | 25.34 | 22.73 |
| 566-AX102207 | AX102207 | A | 62.5µm Orange (K5) | 25.34 | 22.73 |
| 566-AX102208 | AX102208 | A | 62.5µm Blue (K6) | 25.34 | 22.73 |
| 566-AX102197 | AX102197 | A | 50µm Red (K1) | 25.34 | 22.73 |
| 566-AX102198 | AX102198 | A | 50µm Green (K2) | 25.34 | 22.73 |
| 566-AX102199 | AX102199 | A | 50µm Yellow (K3) | 25.34 | 22.73 |
| 566-AX102200 | AX102200 | A | 50µm Black (K4) | 25.34 | 22.73 |
| 566-AX102201 | AX102201 | A | 50µm Orange (K5) | 25.34 | 22.73 |
| 566-AX102202 | AX102202 | A | 50µm Blue (K6) | 25.34 | 22.73 |

SECURE/KEYED LC FIBER EXPRESS MANAGER MODULES

These can be used in 19 and 23 inch FiberExpress Manager Shelves to provide a high-density management system of up to 1920 terminated fibers per rack.

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|------------------|-----------------|------|-------------|------------|--------|
| | | | | 1 | 2 |
| 566-AX102114 | AX102114 | D | 12 fibers | 127.41 | 114.27 |
| 566-AX102311 | AX102311 | D | 24 fibers | 236.62 | 212.21 |

OPTIMAX TOOL KIT

This kit is packaged in a small convenient carrying case and is LC/SC/ST Compatible. It includes installation tools, fiber cleaver, crimping tool, instruction manual, microscope, tweezers, alcohol wipes, marker, scissors, waste bottle, fiber stripper, cable stripper and Training Video. This kit is made to terminate 900 mm buffered optical fiber and jacketed optical fiber.

For quantities greater than listed, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|------------------|-----------------|------|------------------|------------|---------|
| | | | | 1 | 2 |
| 566-AX100947 | AX100947 | E | Optimax Tool Kit | 1121.81 | 1056.49 |

FIBER PATCH CORDS

FiberExpress Duplex Patch Cord Assemblies are of the highest quality available. They are assembled and 100% optically tested in the factory prior to shipment. All patch cords are built with high-quality connectors and cables which guarantees superior performance and excellent reliability.

ST=Straight Tip (Twist), SC= Standard Connector (Snap), LC= Local Connector (Snap)

• 3m (10ft.)

Duplex Patch Cord

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|-------------------|-----------------|------|--------------------------------------|------------|--------|
| | | | | 1 | 2 |
| Multimode | | | | | |
| 566-70102420 | 70102420 | F | FX300, 62.5µm ST to ST | 39.33 | 35.27 |
| 566-AX200057 | AX200057 | F | FX300, 62.5µm SC to SC | 54.15 | 37.12 |
| 566-AX200518 | AX200518 | F | FX300, 62.5µm LC duplex to LC duplex | 88.43 | 53.17 |
| 566-AX200795 | AX200795 | F | FX2000, 50µm ST to ST | 42.68 | 38.28 |
| 566-AX200589 | AX200589 | F | FX2000, 50µm SC to SC | 58.20 | 37.12 |
| 566-AX200665 | AX200665 | F | FX2000, 50µm LC duplex to LC duplex | 89.88 | 80.89 |
| Singlemode | | | | | |
| 566-AX200091 | AX200091 | F | SPC, ST to ST | 82.36 | 73.86 |
| 566-AX200095 | AX200095 | F | SPC, SC to SC | 118.65 | 106.79 |
| 566-AX200508 | AX200508 | F | SPC, LC duplex to LC duplex | 104.59 | 93.80 |

Hybrid Patch Cord

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|-------------------|-----------------|------|-------------------------------|------------|-------|
| | | | | 1 | 2 |
| Multimode | | | | | |
| 566-AX200580 | AX200580 | F | FX300, 62.5µm LC duplex to SC | 52.56 | 47.14 |
| 566-AX200668 | AX200668 | F | FX2000, 50µm LC duplex to SC | 69.26 | 52.56 |
| Singlemode | | | | | |
| 566-AX200667 | AX200667 | F | SPC, LC duplex to SC | 99.58 | 89.30 |

FIBER EXPRESS BAR

This bar consists of a custom length fiber cable with, at one end, a factory pre-terminated rugged mini patch panel and, at the other end, a factory installed multi-fiber MPO connector. The very compact fiber patch panel contains 6 or 12 factory-terminated and tested connectors in a variety of styles. The ruggedness of the FiberExpress Bar makes it an ideal candidate for disaster recovery, industrial applications and other fiber deployment in harsh environment.

ST=Straight Tip (Twist), SC= Standard Connector (Snap), LC= Local Connector (Snap)

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Each | |
|---------------------------------|-----------------|------|-------------------------------------|------------|---------|
| | | | | 1 | 2 |
| Multimode, FX600, 62.5µm | | | | | |
| 566-AX250001 | AX250001 | G | 12 ST type, MPO (m), 1m | 733.36 | 657.73 |
| 566-AX250005 | AX250005 | G | 6 SC duplex, MPO (m), 12 fibers, 1m | 975.78 | 875.14 |
| 566-AX250178 | AX250178 | G | 6 MT-RJ, MPO (m), 12 fibers, 1m | 1008.85 | 904.80 |
| 566-AX250539 | AX250539 | G | 12 LC, MPO (m), 1m | 1074.75 | 963.90 |
| Multimode, FX600, 50µm | | | | | |
| 566-AX250052 | AX250052 | G | 12 ST type, MPO (m), 1m | 731.94 | 656.44 |
| 566-AX250054 | AX250054 | G | 6 SC duplex, MPO (m), 12 fibers, 1m | 974.35 | 873.86 |
| 566-AX250179 | AX250179 | G | 6 MT-RJ, MPO (m), 12 fibers, 1m | 974.35 | 873.86 |
| 566-AX250540 | AX250540 | G | 12 LC, MPO (m), 1m | 1073.31 | 962.61 |
| Multimode, FX2000, 50µm | | | | | |
| 566-AX250459 | AX250459 | G | 12 ST type, MPO (m), 1m | 738.99 | 662.77 |
| 566-AX250460 | AX250460 | G | 6 SC duplex, MPO (m), 12 fibers, 1m | 981.40 | 880.18 |
| 566-AX250461 | AX250461 | G | 6 MT-RJ, MPO (m), 12 fibers, 1m | 981.40 | 880.18 |
| 566-AX250541 | AX250541 | G | 12 LC, MPO (m), 1m | 1080.36 | 968.93 |
| Single-Mode | | | | | |
| 566-AX250009 | AX250009 | G | 12 ST type, MPO (m), 1m | 1097.94 | 984.70 |
| 566-AX250011 | AX250011 | G | 6 SC duplex, MPO (m), 12 fibers, 1m | 1452.96 | 1303.10 |
| 566-AX250180 | AX250180 | G | 6 MT-RJ, MPO (m), 12 fibers, 1m | 1452.96 | 1303.10 |
| 566-AX250542 | AX250542 | G | 12 LC, MPO (m), 1m | 1598.25 | 1433.41 |

INTERCONNECT SERIES FIBER OPTIC CABLES

Interconnect Cables are designed for low fiber-count premises environments. They are small and very flexible, making them ideal for confined spaces. Their aesthetic appearance makes these cables suitable for use in open office environments.

Specifications:

- Number of Fibers: 2
- Outside Diameter: 0.11x0.23in. (2.9x5.9mm)

Features & Benefits:

- Length markings to facilitate installation
- Meets OFNR/FT4 rater and OFNP/FT6 rating requirements
- One sub-unit is marked to permit easy identification of transmit and receive fibers

Applications:

- Patch panels
- Workstation equipment connectors
- Horizontal distribution in open office environments

1000' Spool

For quantities of 5 and up, call for quote.

| Mouser Stock No. | Belden Part No. | Fig. | Description | Price Per Spool | |
|------------------|-----------------|------|---------------------------|-----------------|--------|
| | | | | 1 | 2 |
| 566-M96915-1000 | M96915 | H | 62.5 / 125µm Std. / 1 Gbe | 283.35 | 266.86 |
| 566-M9C002-1000 | M9C002 | H | 50 / 125µm 10 Gbe - 300M | 324.57 | 305.67 |