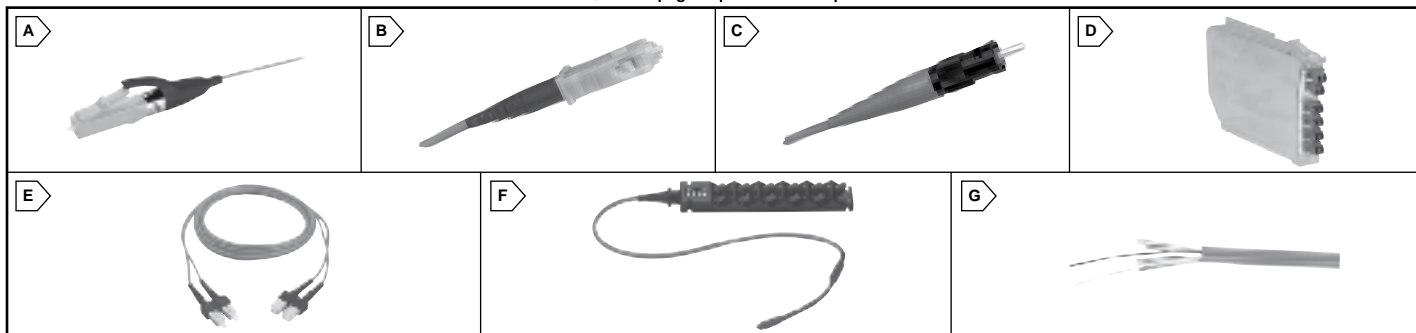


BELDEN Fiber Optic Products



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		
566-AX101982	AX101982	A	LC 50µm, Multimode		
566-AX101983	AX101983	A	LC Singlemode		
566-AX100029	AX100029	B	SC 62.5µm, Multimode		
566-AX101077	AX101077	B	SC 50µm, Multimode		
566-AX101792	AX101792	B	SC Singlemode		
566-A0408835	A0408835	C	ST 62.5µm, Multimode		
566-AX101075	AX101075	C	ST 50µm, Multimode		
566-AX101791	AX101791	C	ST, Singlemode		

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		
566-AX101794	AX101794	B	SC, Contains 3mm boot, crimp sleeves & cord adapter		
566-AX101793	AX101793	C	ST, Contains 3mm boot, crimp sleeves		

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)		
566-AX102204	AX102204	A	62.5µm Green (K2)		
566-AX102205	AX102205	A	62.5µm Yellow (K3)		
566-AX102206	AX102206	A	62.5µm Black (K4)		
566-AX102207	AX102207	A	62.5µm Orange (K5)		
566-AX102208	AX102208	A	62.5µm Blue (K6)		
566-AX102197	AX102197	A	50µm Red (K1)		
566-AX102198	AX102198	A	50µm Green (K2)		
566-AX102199	AX102199	A	50µm Yellow (K3)		
566-AX102200	AX102200	A	50µm Black (K4)		
566-AX102201	AX102201	A	50µm Orange (K5)		
566-AX102202	AX102202	A	50µm Blue (K6)		

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		
566-AX102311	AX102311	D	24 fibers		

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	E	FX300, 62.5µm ST to ST		
566-AX200057	AX200057	E	FX300, 62.5µm SC to SC		
566-AX200518	AX200518	E	FX300, 62.5µm LC duplex to LC duplex		
566-AX200795	AX200795	E	FX2000, 50µm ST to ST		
566-AX200589	AX200589	E	FX2000, 50µm SC to SC		
566-AX200665	AX200665	E	FX2000, 50µm LC duplex to LC duplex		
Singlemode					
566-AX200091	AX200091	E	SPC, ST to ST		
566-AX200095	AX200095	E	SPC, SC to SC		
566-AX200508	AX200508	E	SPC, LC duplex to LC duplex		

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	E	FX300, 62.5µm LC duplex to SC		
566-AX200668	AX200668	E	FX2000, 50µm LC duplex to SC		
Singlemode					
566-AX200667	AX200667	E	SPC, LC duplex to SC		

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	F	12 ST type, MPO (m), 1m		
566-AX250005	AX250005	F	6 SC duplex, MPO (m), 12 fibers, 1m		
566-AX250178	AX250178	F	6 MT-RJ, MPO (m), 12 fibers, 1m		
566-AX250539	AX250539	F	12 LC, MPO (m), 1m		
Multimode, FX600, 50µm					
566-AX250052	AX250052	F	12 ST type, MPO (m), 1m		
566-AX250054	AX250054	F	6 SC duplex, MPO (m), 12 fibers, 1m		
566-AX250179	AX250179	F	6 MT-RJ, MPO (m), 12 fibers, 1m		
566-AX250540	AX250540	F	12 LC, MPO (m), 1m		
Multimode, FX2000, 50µm					
566-AX250459	AX250459	F	12 ST type, MPO (m), 1m		
566-AX250460	AX250460	F	6 SC duplex, MPO (m), 12 fibers, 1m		
566-AX250461	AX250461	F	6 MT-RJ, MPO (m), 12 fibers, 1m		
566-AX250541	AX250541	F	12 LC, MPO (m), 1m		
Single-Mode					
566-AX250009	AX250009	F	12 ST type, MPO (m), 1m		
566-AX250011	AX250011	F	6 SC duplex, MPO (m), 12 fibers, 1m		
566-AX250180	AX250180	F	6 MT-RJ, MPO (m), 12 fibers, 1m		
566-AX250542	AX250542	F	12 LC, MPO (m), 1m		

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 riser 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	G	62.5 / 125µm Std. / 1 Gbe		
566-M9C002-1000	M9C002	G	50 / 125µm 10 Gbe - 300M		