

FIBER OPTIC ACCESSORIES PRODUCT

Fiber Optic Patch Cord Armored



FEATURE

- High quality zirconia ferrule
- Materials meet RoHS requirement
- Push-pull latching mechanism
- Non-optical disconnect performance
- Riser, Plenum, PVC, LSZH fiber cable available

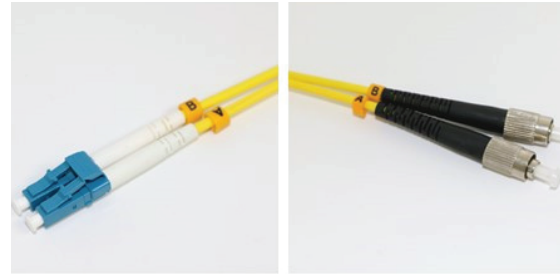


DESCRIPTION

Fiber optic patch cord is suited for equipment jumper cable, cross connects, and work area connections.

All fiber optic patch cords are manufactured with telecom class and polished A, and 100% factory tested to ensure performance to TIA/EIA-568-B-3 standards.

Fiber Patch Cords are available in both multimode (62.5/125µm and 50/125µm) and single mode cable-types, in duplex and simplex versions.



APPLICATION

- Active device termination
- Instrumentation
- Telecommunication
- Computer networks
- CATV networks

STANDARD

- ISO/IEC 11801:2002 ,ANSI/TIA-568-C.3, EIA/TIA-455,IEC 60793, IEC 60794, IEC 60794-2-30, ITU-T G.652D (Singlemode),ITU-T G.651 (Multimode), RoHS Compliant, GR-326

SPECIFICATION

Connector Type	FC, SC, LC, ST, MU, MTRJ			
Fiber Type	SM(G.652D/G.657A)			MM(OM1/OM2/OM3/OM4)
Ferrule End-face	PC	UPC	APC	UPC
Insertion Loss	≤0.2dB	≤0.2dB	≤0.3dB	≤0.3dB
Return Loss	≥50dB	≥55dB	≥60dB	≥35dB
Exchangeability	≤0.2dB			
Repeatability	≤ 0.1dB(1000 times)			
Durability	> 1000 times			
Operating Temperature	-40°C ~ +85°C			

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FIBER OPTIC CABLE PERFORMANCE SPECIFICATION

Fiber type	Min. Bandwidth	Distance	Attenuation
62.5/125	850/1300nm 200/500 MHz/Km	@100Mbps 2km @1Gig 220m	850/1300nm 3.0/1.0dB/km
50/125	850/1300nm 500/500 MHz/Km	@100Mbps 2km @1Gig 500m	850/1300nm 3.0/1.0dB/km
50/125	850/1300nm	@100Gig Varies by VCSEL typical 300m 2850nm	850/1300nm
10Gig Optimized	2000/500 MHz/Km		3.0/1.0dB/km
9/125	1310/1550nm Approx 100 Terahertz	Up to 100km Varies by transceiver	1310/1550nm 0.4/0.3dB/km

ORDER INFORMATION

PRODUCT	DESCRIPTION	PART NUMBER
UPC SM Armored	Patch Cord Armored ST-ST, SM 9/125um, Duplex, 3M	F-PCA-STST9-3-DX
	Patch Cord Armored ST-SC, SM 9/125um, Duplex, 3M	F-PCA-STSC9-3-DX
	Patch Cord Armored ST-LC, SM 9/125um, Duplex, 3M	F-PCA-STLC9-3-DX
	Patch Cord Armored ST-FC, SM 9/125um, Duplex, 3M	F-PCA-STFC9-3-DX
	Patch Cord Armored SC-SC, SM 9/125um, Duplex, 3M	F-PCA-SCSC9-3-DX
	Patch Cord Armored SC-FC, SM 9/125um, Duplex, 3M	F-PCA-SCFC9-3-DX
	Patch Cord Armored LC-SC, SM 9/125um, Duplex, 3M	F-PCA-LCSC9-3-DX
	Patch Cord Armored LC-LC, SM 9/125um, Duplex, 3M	F-PCA-LCLC9-3-DX
	Patch Cord Armored LC-FC, SM 9/125um, Duplex, 3M	F-PCA-FCLC9-3-DX
	Patch Cord Armored FC-FC, SM 9/125um, Duplex, 3M	F-PCA-FCFC9-3-DX
	Patch Cord Armored MTRJ-MTRJ, SM 9/125um, Duplex, 3M	F-PCA-MTRJ-MTRJ9-3-DX
	Patch Cord Armored MTRJ-SC, SM 9/125um, Duplex, 3M	F-PCA-MTRJ-SC9-3-DX
UPC MM Armored	Patch Cord Armored ST-ST, MM 50/125um, Duplex, 3M	F-PCA-STST5-3-DX
	Patch Cord Armored ST-SC, MM 50/125um, Duplex, 3M	F-PCA-SCST5-3-DX
	Patch Cord Armored ST-LC, MM 50/125um, Duplex, 3M	F-PCA-LCST5-3-DX
	Patch Cord Armored ST-FC, MM 50/125um, Duplex, 3M	F-PCA-FCST5-3-DX
	Patch Cord Armored SC-SC, MM 50/125um, Duplex, 3M	F-PCA-SCSC5-3-DX
	Patch Cord Armored SC-LC, MM 50/125um, Duplex, 3M	F-PCA-LCSC5-3-DX
	Patch Cord Armored SC-FC, MM 50/125um, Duplex, 3M	F-PCA-FCSC5-3-DX
	Patch Cord Armored LC-LC, MM 50/125um, Duplex, 3M	F-PCA-LCLC5-3-DX
	Patch Cord Armored LC-FC, MM 50/125um, Duplex, 3M	F-PCA-FCLC5-3-DX
	Patch Cord Armored FC-FC, MM 50/125um, Duplex, 3M	F-PCA-FCFC5-3-DX