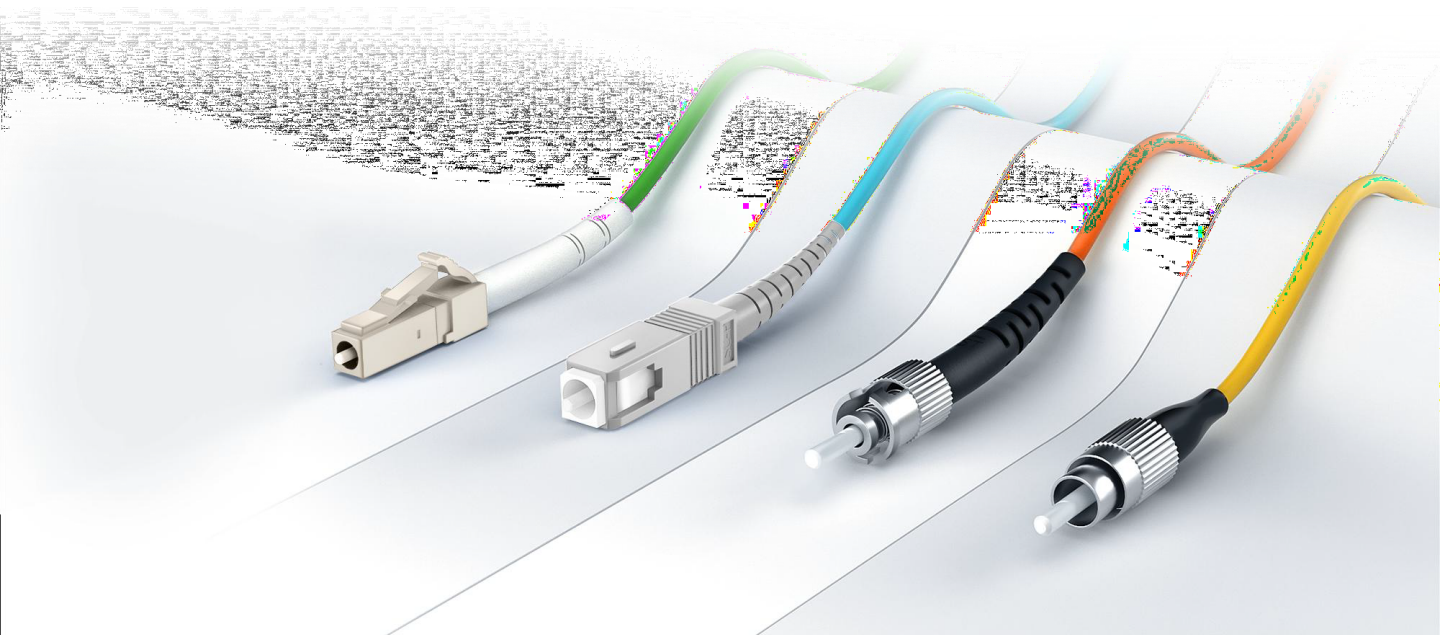


LC Duplex Armored Fiber Patch Cables Datasheet

MAKE HIGH-SPEED ETHERNET NETWORK EQUIPMENT CONNECTIONS

Designed for data center, enterprise, FTTx, LAN and WAN, CATV network, telecom network applications , etc. requiring quick infrastructure deployment such as main, horizontal, and zone distribution areas.



Standard Fiber Patch Cables

Fiber optic patch cables are ideal for supporting high speed telecommunication network fiber applications. They are manufactured and tested in compliance with TIA 604 (FOCIS), IEC 61754 and YD/T industry standards. OM1, OM2, OM3, OM4, OM5 or OS2 fiber types are available to meet the demand of Gigabit Ethernet, 10 Gigabit Ethernet and high speed Fiber Channel. Every termination is through rigorous parameter test to ensure the highest network performance.

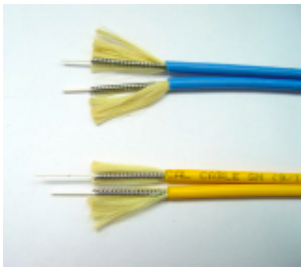
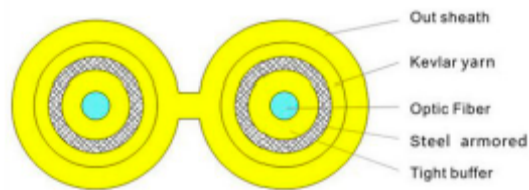
Standards Compliance

- RoHS, ISO 9001, CE, REACH, WEEE Compliant
- TIA 604 (FOCIS)
- TIA/EIA 492AAAE
- IEC 61754
- IEC 60793-2-10
- IEC 61300-3-35
- YD/T1272.1-2003

Features

- High quality zirconia ferrules.
- Good repeatability and interchangeability.
- LC/SC/ST/FC/LSH/MTRJ/MU connectors with standard boots are available.
- LC connectors with 12mm/18mm and SC connectors with 25mm short boots are available.
- Flame-retardant, rugged and durable jacket.
- OS2/OM5/OM4/OM3/OM2/OM1 are available.
- Factory terminated and tested for insertion loss, return loss and end face.

Technical Specification



Application:

- with flexible steel tube, high tensile resistance;
- Anti-Rodent and anti-bird peck
- Meets Telcordia GR-326-core, JIS C-5973, TIA/EIA 604
- Customer length
- Various connector type available
- Environmental stable`

Fiber Parameter:

No.	Items		unit	Specification
				10G-150
1	Core Diameter		μm	50.0±2.5
2	Cladding Diameter		μm	124.8±1.0
3	Core Non-Circularity		%	≤5.0
4	Cladding Non-Circularity		%	≤1.0
5	Core-Cladding Concentricity Error		μm	≤1.0
6	Coating Diameter		μm	245±7
7	Coating Non-Circularity		%	≤6.0
8	Cladding-Coating Concentricity Error		μm	≤12.0
9	OFL Bandwidth	850nm	MHz·km	≥1500
		1300nm	MHz·km	≥500
10	Effective Modal Bandwidth	850nm	MHz·km	≥2000
		1300nm	MHz·km	≥500
11	Attenuation Coefficient	850nm	dB/km	≤2.3
		1300nm	dB/km	≤0.6

Specifications :

Type	SM		MM	
Characteristics	UPC	APC	UPC	PC
Insertion loss(dB)	≤0.3dB	≤0.3dB	≤0.3dB	0.3dB
Return loss (dB)	≥50dB	≥60dB	≥35dB	≥35dB
Attenuation(Maximum)	0.4dB@1310nm 0.3dB@1550nm	0.4dB@1310nm 0.3dB@1550nm	3.0dB@850nm 1.2dB@1300nm	3.0dB@850nm 1.2dB@1300nm
Attenuation(dB)	SM:1310 nm≤0.35dB/km;1550 nm≤0.25dB/km MM:850 nm≤3.0dB/km; 1300 nm≤1.0dB/km			
Durability(dB)	≥500/Matings			
Operating Temperature(dB)	-40℃~ +85℃			

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