

Fiber Optic Patch Cords are used for Telecom networks and also used for high speed metropolitan and access network. Our single mode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards.

Compliance

Telcordia GR-326-CORE Generic requirements for Single mode optical connectors and Jumper assemblies.

IEC 874-1 Generic specification for fiber optic connectors and cables

ANSI/TIA-568-C.3, ISO/IEC 11801 2nd Ed., CENELEC EN 50173, UL94V-0

Cable flame resistant rate: OFNR or IEC60332-3 standard

Mechanical & Material Data

Range of Mode	Single mode or Multi mode
Cable Type	Simplex, Duplex Zipcord, or Multi-cores
Connector Style	SC, FC, ST, LC
Polish or Ferrule Interface Type	PC, UPC, APC
Cable Diameter	0.9mm, 1.6mm, 2.0mm, 2.4mm, 2.8mm, 3.0mm
Outer Jacket	PVC or LSZH
Jacket Color	SM Yellow OM1, OM2 Orange OM3 Aqua OM4 Pink
Durability	500 cycles(0.2 dB max increase), 1000mate/demate cycles
Operating Temp.	-20 °C to +70°C/+85°c (armored)
Storage Temp.	-40 °C to +85°C

Optical Performance Data

Item	Single mode			Multimode		
	PC	UPC	APC	62.5/125	50.5/125	50.5/125 10G
Insert. Loss	0.3dB Max. (0.15dB typ.)			0.3dB Max. (0.15dB typ.)		
Return Loss	≥ 45 dB	≥ 50 dB	≥ 60 dB	N.A		
Insert. Loss/MTRJ Connector	0.5dB Max. (0.45dB typ.)			0.5dB Max. (0.45dB typ.)		
Pull strength	≥98N	≥98N	≥98N	≥98N		