

OM4 Multimode Patch Cords

High performance OM4 multimode patch cords, manufactured for internal applications using high quality Low Smoke Zero Halogen (LSZH) cable and low loss optimized connectors. They fully conform to ISO/IEC, TIA/EIA and Telcordia standards.

Applications

- Data centres
- 40/100 Gigabit Ethernet applications
- 10 Gigabit Ethernet (10GBASE-SR) applications (300m link)
- Gigabit Ethernet (1000BASE-SX) applications (1000m link)
- Legacy networks (Ethernet, Fast Ethernet, FDDI)
- Backbone, horizontal and riser applications
- Video, data and voice services

Features

- SC, LC, ST, FC and MTRJ connectors
- Available in simplex or duplex
- 900µm / 600 µm tight buffer
- Duplex LC and SC assemblies available with clips
- ITU-T G.651.1, TIA/EIA 492AAAD and IEC60793-2-10 A1a.3a compliant
- Low Smoke Zero Halogen (LSZH) cable
- Available in aqua or Erika violet colour
- REACH, RoHS and SvHC compliant

Specifications

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	IEC61300-3-4
Ave/Master	0.15dB	IEC 61300-3-4
Ave/Random	0.20dB	IEC 61300-3-34

Note: Return Loss > 28dB based on sample data using method IEC 61300-3-6

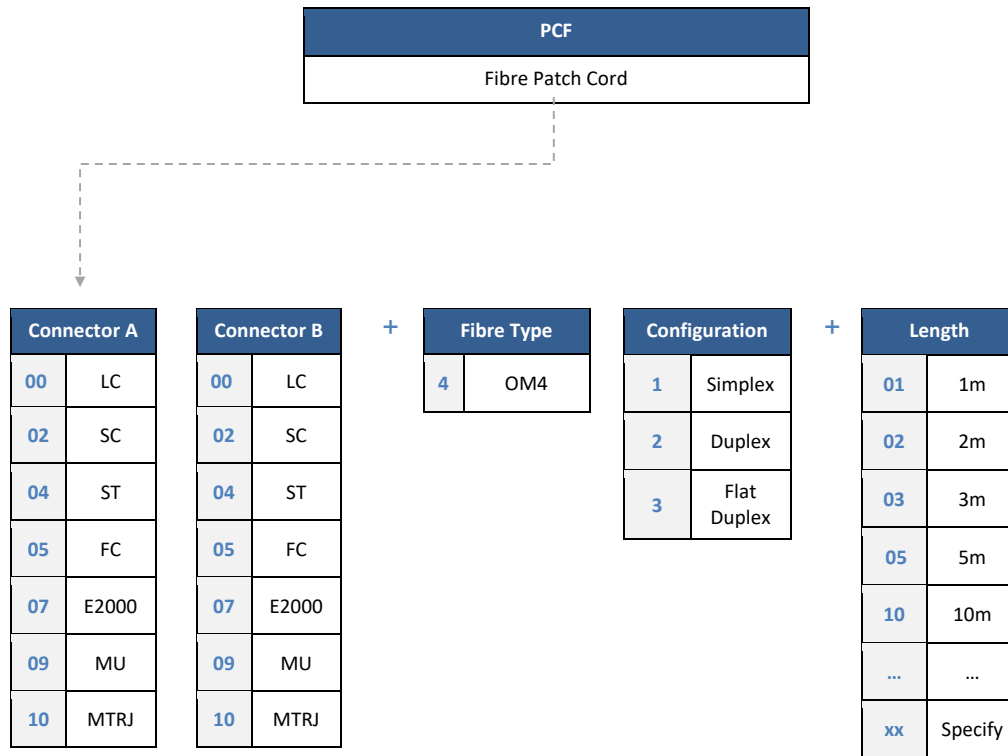
Cable Specification

CHARACTERISTICS	SIMPLEX	DUPLEX
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to +60	-20 to +60
Fire Specification	IEC 60332-1	IEC 60332-1

Fiber Specification

CHARACTERISTICS	
Attenuation (dB/km)	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	3500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz x km)	4700 @ 850nm

Ordering Information



Examples:

- PCF-0000-42-05** – Patch Cord LC/UPC-LC/UPC Multimode OM4 Duplex 5m
PCF-0204-41-10 – Patch Cord SC/UPC-ST/UPC Multimode OM4 Simplex 10m