



OM1 Multimode Patch Cord

High performance OM1 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.

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
- TIA/EIA 492AAAA and IEC60793-2-10 A1b compliant
- Low smoke zero halogen (LSZH) cable
- Available in orange colour
- REACH, RoHS and SvHC compliant

Applications

- Data centres
- Gigabit Ethernet (1000BASE-SX) applications (275m link)
- Legacy networks (Ethernet, Fast Ethernet, FDDI)
- Backbone, horizontal and riser applications
- Video, data and voice services

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)	3.0 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	200 @ 850nm / 500 @ 1300nm

Ordering Information

	Connector A		Connector B		Fibre Type		Configuration		Length	
	Code	Connector	Code	Connector	Code	Fibre	Code	Configuration	Code	Length
OPCF	00	LC	00	LC	1	OM1	1	Simplex	01	1m
	02	SC	02	SC			2	Duplex	02	2m
	04	ST	04	ST			3	Flat Duplex	03	3m
	05	FC	05	FC					05	5m
	07	E2	07	E2					10	10m
	09	MU	09	MU				
	10	MTRJ	10	MTRJ					xx	Specify

Example order code

OPCF - 00 00 - 1 2 - 05

Patch Cord LC/UPC-LC/UPC Multimode OM1 Duplex 5m

OPCF - 02 04 - 1 1 - 10

Patch Cord SC/UPC-ST/UPC Multimode OM1 Simplex 10m