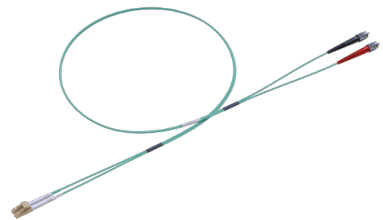


Product Datasheet

OM3 Simplex/Duplex Patch Cord

Multimode patch cords are used to connect high speed and legacy networks like 10 gigabit ethernet, fast ethernet and ethernet. The multimode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA or Telcordia standards. The OM3 patch cords are terminated with standard connectors which gives optimum optical performance.



Features

- FC, LC, MTRJ, SC and ST connectors
- Low smoke zero halogen (LSZH) cable in aqua or purple colour
- 900 µm / 600 µm tight buffer
- OM3 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAC, IEC60793-2-10 A1a.2a
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application available
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

Applications

- For use in 10Gb/s high speed LAN networks over a 300m indicative link length at 850nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000m indicative link length at 850nm (SX) wavelength using a laser launch
- High speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet
- Data centers
- Premises cabling in data networks including backbone, riser and horizontal
- Supports video, data and voice services

Specification

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	IEC 61300-3-4
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

Fibre Specification

CHARACTERISTICS	
Attenuation (dB / km)	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	1500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz X km)	2000 @ 850nm

Ordering Information

Connector End A		Connector End B		Mode		Cable Configuration		Cable Colour		Cable Length	
FC	FC	FC	FC	OM3	OM3	S	Simplex	AQ	Aqua	1	1 metre
LC	LC	LC	LC	RM3	OM3 RBS	D	Duplex	PU	Purple	2	2 meter
MTRJ	MTRJ	MTRJ	MTRJ			FD	Flat Duplex			3	3 meter
SC	SC	SC	SC							5	5 meter
ST	ST	ST	ST							10	10 meter
										xx	Specify

* MTRJ is only available in MiniZip duplex, insertion loss ≤ 0.5 dB

Example Part Number

LC	SC	OM3	D	AQ	3
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This part number has created a 3 metre duplex LC to SC OM3 LSZH patch cord in aqua.

Further Information

- Information correct as of October 29, 2015