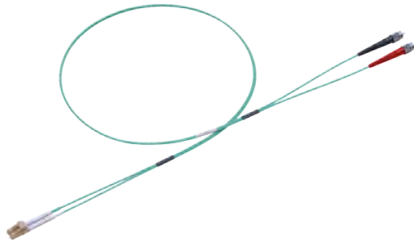


Product updated on October 10, 2018

OM3 Simplex/Duplex Enhanced 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 for internal use using LSZH cables which conform to IEC, EIA TIA or Telcordia standards. The OM3 enhanced patch cords are terminated with optimized connectors which gives optimum optical performance.

FEATURES/BENEFITS

- E2000, FC, LC, MTRJ, SC and ST connectors
- Low smoke zero halogen (LSZH) cable in aqua or purple color
- 900 μm / 600 μm tight buffer
- OM3 fiber 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 300 m indicative link length at 850 nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000 m indicative link length at 850 nm (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

SPECIFICATIONS

Connector Specification

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

Note: Return Loss ≥ 28 dB 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 @ 850 nm / 0.8 @ 1310 nm
Bandwidth OFL (MHz x km)	1500 @ 850 nm / 500 @ 1310 nm
Bandwidth LEMB (MHz X km)	2000 @ 850 nm

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 metre
MTRJ	MTRJ	MTRJ	MTRJ			FD	Flat Duplex			3	3 metre
SC	SC	SC	SC							5	5 metre
ST	ST	ST	ST							10	10 metre
MU	MU	MU	MU							XX	Specify
E2	E2**	E2	E2**								

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

** E2000 supplied as RdM E2000 connectors. Not available in combination with MTRJ or MU.

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

- For additional information please contact your sales representative
- To view the product 360 visit the product page (Scan the QR code or visit the link below)
- Downloaded from <https://www.afllhyperscale.com/product/om3-simplex-duplex-patch-cord>
- AFL Hyperscale reserves the right to make changes in this datasheet at any time without notice
- Information in this document is correct as of October 10, 2018

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