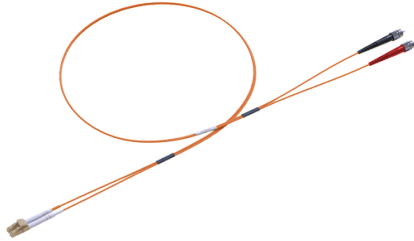


# OM2 Simplex/Duplex Enhanced Patch Cord



Multimode enhanced patch cords are used to connect high speed and legacy networks like gigabit ethernet, fast ethernet and ethernet. Multimode patch cords are manufactured for internal use using LSZH cable and conform to IEC, EIA TIA or Telcordia standards. OM2 patch cords are terminated with optimized connectors giving optimum optical performance.

## FEATURES/BENEFITS

- FC, LC, MTRJ, SC and ST connectors
- Low smoke zero halogen (LSZH) cable in orange color
- 900  $\mu\text{m}$  / 600  $\mu\text{m}$  tight buffer
- OM2 fiber conforms to ITU-T G.651.1, TIA/EIA 492AAAB, IEC60793-2-10 A1a.1a
- Simplex and duplex assembly options
- SC and LC duplex assemblies available with clips
- Higher optical performance available on request
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

## APPLICATIONS

- For use in 1 Gb/s high speed LAN networks over a 550 m indicative link length at 850 nm 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

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

## Cable Specification

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

## Fiber Specification

CHARACTERISTICS	
Attenuation (dB / km)	2.8 @ 850 nm / 0.8 @ 1300 nm
Bandwidth OFL (MHz x km)	500 @ 850 nm / 500 @ 1300 nm

**ORDERING INFORMATION**

Connector End A		Connector End B		Mode		Cable Configuration		Cable Colour		Cable Length	
FC	FC	FC	FC	50	OM2	S	Simplex	OR	Orange	1	1 metre
LC	LC	LC	LC			D	Duplex			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
										XX	Specify

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

**Example Part Number**

LC	SC	50	D	OR	3
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This part number has created a 3 metre duplex LC to SC OM2 LSZH patch cord in orange.



SCAN QR FOR PRODUCT PAGE

**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.aflhyperscale.com/product/om2-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 November 21, 2018

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