



## OM4 Multimode Patch Cords

High performance OM<sub>4</sub> 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.

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### 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

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### Applications

- Data centres
- 40/100 Gigabit Ethernet applications
- 40 Gb/s (up to 400m) and 100 Gb/s (up to 150m)
- 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)	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	3500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz x km)	4700 @ 850nm

## Ordering Information

	Connector A		Connector B		Fibre Type		Configuration		Length	
	Code	Connector	Code	Connector	Count	Type	Count	Configuration	Code	Length
OPCF	00	LC	00	LC	4	OM4	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	E2000	07	E2000					10	10m
	09	MU	09	MU					...	....
	10	MTRJ	10	MTRJ					xx	Specify

## Example order code

OPCF - 00 00 - 4 2 - 05

Patch Cord LC/UPC-LC/UPC Multimode OM4 Duplex 5m

OPCF - 02 04 - 4 1 - 10

Patch Cord SC/UPC-ST/UPC Multimode OM4 Simplex 10m