

MPN: FIB440045

Optical Fibre Cable, LC-LC, Multimode, Duplex, OM1 (Orange) 45m

The 62.5/125µm OM1 multimode fiber optic cable is suitable for fast Ethernet, gigabit Ethernet and fiber channel applications, such as in data centers, telecom rooms, server farms, cloud storage networks and any place where fiber jumper cables are needed. OM1 patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA or Telcordia standards.

- Designed for Data Centers, Industry and Computer Centers
- LSZH (Low Smoke Zero Halogen) and flame retardant
- RoHS compliant



Specifications

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Cladding diameter 125 µm	Features	Cable length	45 m
Connector 1 gender Male Connector 2 LC/UPC Connector 2 gender Male Core diameter 62.5 µm Fiber mode structure Multi-mode Fibre optic type OM1 Full duplex Yes Halogen-free Yes Insertion loss 0.3 dB Jacket material Low smoke zero halogen (LSZH) Product colour Orange ROHS compliance Yes Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Net Weight (Package, kg) 0.5 kg Product dimensions Net Weight (Product, kg) 0.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		Cladding diameter	125 µm
Connector 2 Connector 2 gender Male Core diameter Fiber mode structure Fiber mode structure Multi-mode Fibre optic type OM1 Full duplex Yes Halogen-free Insertion loss 0.3 dB Jacket material Low smoke zero halogen (LSZH) Product colour Orange ROHS compliance Yes Operational conditions Operating temperature (T-T) Storage temperature (T-T) -40 - 85 °C Package dimensions Net Weight (Package, kg) O.5 kg Product dimensions Net Weight (Product, kg) O.4 kg Vendor information Brand Name Warranty MicroConnect Warranty MicroConnect Warranty		Connector 1	LC/UPC
Connector 2 gender Male Core diameter 62.5 µm Fiber mode structure Multi-mode Fibre optic type OM1 Full duplex Yes Halogen-free Yes Insertion loss 0.3 dB Jacket material Low smoke zero halogen (LSZH) Product colour Orange RoHS compliance Yes Operational conditions Operating temperature (T-T) -40 -85 °C Storage temperature (T-T) -40 -85 °C Package dimensions Net Weight (Package, kg) 0.5 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		Connector 1 gender	Male
Core diameter 62.5 µm Fiber mode structure Multi-mode Fibre optic type OM1 Full duplex Yes Halogen-free Yes Insertion loss 0.3 dB Jacket material Low smoke zero halogen (LSZH) Product colour Orange RoHS compliance Yes Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Gross Weight (Package, kg) 0.5 kg Product dimensions Net Weight (Product, kg) 0.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		Connector 2	LC/UPC
Fiber mode structure Fibre optic type OM1 Full duplex Yes Halogen-free Insertion loss Jacket material Product colour RoHS compliance Operational conditions Operating temperature (T-T) Storage temperature (T-T) Package dimensions Orass Weight (Package, kg) Product dimensions Net Weight (Product, kg) Vendor information Warranty Multi-mode Multi-m		Connector 2 gender	Male
Fibre optic type Full duplex Yes Halogen-free Yes Insertion loss Jacket material Product colour RoHS compliance Operational conditions Operating temperature (T-T) Storage temperature (T-T) Package dimensions Gross Weight (Package, kg) Product dimensions Net Weight (Product, kg) Warranty OMI Yes O.3 dB Low smoke zero halogen (LSZH) Porange (LSZH) Orange Yes Oyenational conditions Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C O.5 kg Product dimensions Net Weight (Product, kg) O.4 kg Vendor information Brand Name MicroConnect Warranty Syear(s)		Core diameter	62.5 µm
Full duplex Halogen-free Yes Insertion loss Jacket material Product colour RoHS compliance Operational conditions Operating temperature (T-T) Storage temperature (T-T) Product dimensions Operations Net Weight (Product, kg) Vendor information Full duplex Yes Unsertion Ves Unsertion Ves Ves Ves Ves Orange Ves Ves Operational conditions Operating temperature (T-T) Venerating temper		Fiber mode structure	Multi-mode
Halogen-free Yes Insertion loss 0.3 dB Jacket material Low smoke zero halogen (LSZH) Product colour Orange RoHS compliance Yes Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Gross Weight (Package, kg) 0.5 kg Product dimensions Net Weight (Product, kg) 0.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		Fibre optic type	ОМ1
Insertion loss Jacket material Low smoke zero halogen (LSZH) Product colour Orange RoHS compliance Yes Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Gross Weight (Package, kg) O.5 kg Product dimensions Net Weight (Product, kg) Vendor information Brand Name Warranty MicroConnect Warranty D.3 dB Low smoke zero halogen (LSZH) -40 - 85 °C 0.5 kg MicroConnect Warranty		Full duplex	Yes
Jacket material Product colour Orange RoHS compliance Operational conditions Operating temperature (T-T) Storage temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Oross Weight (Package, kg) O.5 kg Product dimensions Net Weight (Product, kg) O.4 kg Vendor information Brand Name Warranty MicroConnect Warranty Drand Name Warranty MicroConnect		Halogen-free	Yes
Product colour RoHS compliance Yes Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Orange Operating temperature (T-T) -40 - 85 °C Package dimensions Orange Operational conditions Operating temperature (T-T) -40 - 85 °C Operational conditions Operating temperature (T-T) -40 - 85 °C Operational conditions Operational conditions Operating temperature (T-T) -40 - 85 °C Operational conditions Operating temperature (T-T) -40 - 85 °C Operational conditions Operating temperature (T-T) -40 - 85 °C Operational conditions Operating temperature (T-T) -40 - 85 °C Operational conditions Opera		Insertion loss	0.3 dB
RoHS complianceYesOperational conditionsOperating temperature (T-T)-40 - 85 °CStorage temperature (T-T)-40 - 85 °CPackage dimensionsGross Weight (Package, kg)0.5 kgProduct dimensionsNet Weight (Product, kg)0.4 kgVendor informationBrand NameMicroConnectWarranty25 Year(s)		Jacket material	Low smoke zero halogen (LSZH)
Operational conditions Operating temperature (T-T) -40 - 85 °C Storage temperature (T-T) -40 - 85 °C Package dimensions Oross Weight (Package, kg) O.5 kg Product dimensions Net Weight (Product, kg) O.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		Product colour	Orange
Storage temperature (T-T) -40 - 85 °C Package dimensions Gross Weight (Package, kg) 0.5 kg Product dimensions Net Weight (Product, kg) 0.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		RoHS compliance	Yes
Package dimensions Gross Weight (Package, kg) 0.5 kg Product dimensions Net Weight (Product, kg) 0.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)	Operational conditions	Operating temperature (T-T)	-40 - 85 °C
Product dimensions Net Weight (Product, kg) 0.4 kg Vendor information Brand Name MicroConnect Warranty 25 Year(s)		Storage temperature (T-T)	-40 - 85 °C
Vendor information Brand Name MicroConnect Warranty 25 Year(s)	Package dimensions	Gross Weight (Package, kg)	0.5 kg
Warranty 25 Year(s)	Product dimensions	Net Weight (Product, kg)	0.4 kg
	Vendor information	Brand Name	MicroConnect
Weight & dimensions Cable diameter 2 mm		Warranty	25 Year(s)
	Weight & dimensions	Cable diameter	2 mm



Other products in this series

Cable length	ОМІ	ОМ2	ОМ3	OM4
0.5	FIB4400005	FIB4420005-2	FIB4420005	FIB4404005P
1.0	FIB440001	FIB442001-2	FIB442001	FIB440401P
1.5			FIB4420015	FIB440401.5P
2.0	FIB440002	FIB442002-2	FIB442002	FIB440402P
2.5				FIB440402.5P
3.0	FIB440003	FIB442003-2	FIB442003	FIB440403P
4.0				FIB440404P
5.0	FIB440005	FIB442005-2	FIB442005	FIB440405P
6.0	FIB440006		FIB442006	
7.0	FIB440007	FIB442007-2	FIB442007	FIB440407P
8.0				FIB440408P
10.0	FIB440010	FIB442010-2	FIB442010	FIB440410P
12.0			FIB442012	
13.0			FIB442013	
15.0	FIB440015	FIB442015-2	FIB442015	FIB440415P
16.0	FIB440016			
20.0	FIB440020	FIB442020-2	FIB442020	FIB440420P
25.0	FIB440025	FIB442025-2	FIB442025	FIB440425P
30.0	FIB440030		FIB442030	FIB440430P
35.0	FIB440035			
40.0	FIB440040		FIB442040	FIB440440P
45.0	FIB440045			
50.0	FIB440050		FIB442050	
55.0	FIB440055			
60.0	FIB440060			
70.0			FIB442070	
75.0	FIB440075			
100.0	FIB440100		FIB442100	

Cable length	ОМ5
0.5	FIB5510005
1.0	FIB551001
1.5	
2.0	FIB551002
2.5	



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Cable length	OM5
3.0	FIB551003
4.0	
5.0	FIB551005
6.0	
7.0	FIB551007
8.0	
10.0	FIB551010
12.0	
13.0	
15.0	FIB551015
16.0	
20.0	FIB551020
25.0	FIB551025
30.0	
35.0	
40.0	
45.0	
50.0	
55.0	
60.0	
70.0	
75.0	
100.0	



Other images

