

MPN: FIB412001-4

# Optical Fibre Cable, LC-ST, Multimode, Duplex, OM4 (Erica Violet), 1m

OM4 patch cords are used to connect high speed and legacy networks like 10/40/100 gigabit ethernet, fast ethernet and ethernet. This 50/125 OM4 multimode fiber optic cable is ideal for connecting 40G BIDI SR, 10G SR, QSFP+, SFP+ transceivers etc. for 10G/40G/100G Ethernet connections and is the preferred fiber specification for 40G/100G applications. Multimode patch cords are manufactured using LSZH cable and conform to Telcordia, EIA TIA or IEC standards.

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



## Specifications

Features	Cable length	1 m
	Cladding diameter	125 µm
	Connector 1	MTRJ/UPC
	Connector 1 gender	Male
	Connector 2	ST/UPC
	Connector 2 gender	Male
	Core diameter	50 µm
	Fiber mode structure	Multi-mode
	Fibre optic type	OM4
	Halogen-free	Yes
	Insertion loss	0.3 dB
	Jacket material	Low smoke zero halogen (LSZH)
	Product colour	Violet
	RoHS compliance	Yes
Operational conditions	Operating temperature (T-T)	-40 - 85 °C
	Storage temperature (T-T)	-40 - 85 °C
Other features	Attenuation (max)	0.4 dB/km
Package dimensions (verified)	Depth Verified	17.7 cm
	Gross Weight Verified	0.022 kg
	Height Verified	1.6 cm
	Width Verified	21.6 cm
Product dimensions	Net Weight (Product, kg)	0.02 kg
Vendor information	Brand Name	MicroConnect
	Warranty	25 Year(s)
Weight & dimensions	Bending radius	6 cm

**Weight & dimensions**

**Cable diameter**

2 mm

## Other products in this series

Cable length	OM1	OM2	OM3	OM4
0.5	FIB4120005-1	FIB4120005-2	FIB4120005	FIB4120005-4
1.0		FIB412001-2	FIB412001	FIB412001-4
2.0	FIB4130002	FIB412002-2	FIB412002	FIB412002-4
3.0	FIB4130003	FIB412003-2	FIB412003	FIB412003-4
5.0	FIB4130005	FIB412005-2	FIB412005	FIB412005-4
7.0		FIB412007-2	FIB412007	FIB412007-4
10.0		FIB412010-2	FIB412010	FIB412010-4
15.0		FIB412015-2	FIB412015	FIB412015-4
20.0		FIB412020-2	FIB412020	FIB412020-4
25.0		FIB412025-2	FIB412025	FIB412025-4