

MPN: FIB412015-4

## Optical Fibre Cable, LC-ST, Multimode, Duplex, OM4 (Erica Violet), 15m

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                | 15 m                          |
|                        | Cladding diameter           | 125 µm                        |
|                        | Connector 1                 | LC/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     | Gross Weight (Package, kg)  | 0.08 kg                       |
| Product dimensions     | Net Weight (Product, kg)    | 0.07 kg                       |
| Vendor information     | Brand Name                  | MicroConnect                  |
|                        | Warranty                    | 25 Year(s)                    |
| Weight & dimensions    | Bending radius              | 6 cm                          |
|                        | 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  |