

MPN: FIB112001-4

## Optical Fibre Cable, ST-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
- Fibre Standard G.652.D



## Specifications

|                        |                             |                                                                 |
|------------------------|-----------------------------|-----------------------------------------------------------------|
| Features               | Cable length                | 1 m                                                             |
|                        | Cladding diameter           | 125 µm                                                          |
|                        | Connector 1                 | ST/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                                                             |
|                        | Full duplex                 | Yes                                                             |
|                        | Halogen-free                | Yes                                                             |
|                        | Insertion loss              | 0.3 dB                                                          |
|                        | Jacket material             | Low smoke zero halogen (LSZH)                                   |
|                        | Product colour              | Green                                                           |
|                        | RoHS compliance             | Yes                                                             |
| Operational conditions | Operating temperature (T-T) | -40 - 85 °C                                                     |
|                        | Storage temperature (T-T)   | -40 - 85 °C                                                     |
| Vendor information     | Brand Name                  | MicroConnect                                                    |
|                        | Homepage                    | <a href="https://microconnect.me/">https://microconnect.me/</a> |
|                        | Warranty                    | 25 Year(s)                                                      |
| Weight & dimensions    | Cable diameter              | 2 mm                                                            |

## Other products in this series

| Cable length | OM1        | OM3        | OM4          | OM4+        |
|--------------|------------|------------|--------------|-------------|
| 0.5          | FIB1100005 | FIB1120005 | FIB1120005-4 |             |
| 1            | FIB110001  | FIB112001  | FIB112001-4  |             |
| 2            | FIB110002  | FIB112002  | FIB112002-4  |             |
| 3            | FIB110003  | FIB112003  | FIB112003-4  |             |
| 5            | FIB110005  | FIB112005  | FIB112005-4  |             |
| 7            | FIB110007  | FIB112007  | FIB112007-4  |             |
| 10           | FIB1100103 | FIB112010  | FIB112010-4  |             |
| 15           | FIB110015  | FIB112015  |              | FIB112015-4 |
| 20           | FIB110020  | FIB112020  | FIB112020-4  |             |
| 25           | FIB110025  | FIB112025  | FIB112025-4  |             |