

MPN: FIB440420P

## Optical Fibre Cable, LC-LC, Multimode, Duplex, OM4 (Erica Violet) 20m

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
- Lives up to the standards: EN 186000-1, IEC 61300.
- Fibre Standard G.652.D



## Specifications

|                        |                             |                                                                 |
|------------------------|-----------------------------|-----------------------------------------------------------------|
| Features               | Cable length                | 20 m                                                            |
|                        | Cladding diameter           | 125 µm                                                          |
|                        | Connector 1                 | LC/UPC                                                          |
|                        | Connector 1 gender          | Male                                                            |
|                        | Connector 2                 | LC/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              | 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                                                       |
| Vendor information     | Brand Name                  | MicroConnect                                                    |
|                        | Homepage                    | <a href="https://microconnect.me/">https://microconnect.me/</a> |
|                        | 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          |
|--------------|------------|--------------|------------|--------------|
| 0.2          |            |              |            | FIB4404002P  |
| 0.5          | FIB4400005 | FIB4420005-2 | FIB4420005 | FIB4404005P  |
| 1            | FIB440001  | FIB442001-2  | FIB442001  | FIB440401P   |
| 1.5          |            |              | FIB4420015 | FIB440401.5P |
| 2            | FIB440002  | FIB442002-2  | FIB442002  | FIB440402P   |
| 2.5          |            |              |            | FIB440402.5P |
| 3            | FIB440003  | FIB442003-2  | FIB442003  | FIB440403P   |
| 4            |            |              |            | FIB440404P   |
| 5            | FIB440005  | FIB442005-2  | FIB442005  | FIB440405P   |
| 6            | FIB440006  |              | FIB442006  | FIB440406P   |
| 7            | FIB440007  | FIB442007-2  | FIB442007  | FIB440407P   |
| 8            |            |              |            | FIB440408P   |
| 10           | FIB440010  | FIB442010-2  | FIB442010  | FIB440410P   |
| 12           |            |              | FIB442012  | FIB440412P   |
| 13           |            |              | FIB442013  |              |
| 15           | FIB440015  | FIB442015-2  | FIB442015  | FIB440415P   |
| 16           | FIB440016  |              |            |              |
| 20           | FIB440020  | FIB442020-2  | FIB442020  | FIB440420P   |
| 25           | FIB440025  | FIB442025-2  | FIB442025  | FIB440425P   |
| 30           | FIB440030  |              | FIB442030  | FIB440430P   |
| 35           | FIB440035  |              |            |              |
| 40           | FIB440040  |              | FIB442040  | FIB440440P   |
| 45           | FIB440045  |              |            |              |
| 50           | FIB440050  |              | FIB442050  | FIB440450P   |
| 55           | FIB440055  |              |            |              |
| 60           | FIB440060  |              |            |              |
| 70           |            |              | FIB442070  | FIB440470P   |
| 75           | FIB440075  |              |            |              |
| 100          | FIB440100  |              | FIB442100  |              |
| 120          |            |              |            | FIB4404120P  |
| 170          |            |              |            | FIB4404170P  |

| Cable length | OM5        |
|--------------|------------|
| 0.2          |            |
| 0.5          | FIB5510005 |

| Cable length | OM5       |
|--------------|-----------|
| 1            | FIB551001 |
| 1.5          |           |
| 2            | FIB551002 |
| 2.5          |           |
| 3            | FIB551003 |
| 4            |           |
| 5            | FIB551005 |
| 6            |           |
| 7            | FIB551007 |
| 8            |           |
| 10           | FIB551010 |
| 12           |           |
| 13           |           |
| 15           | FIB551015 |
| 16           |           |
| 20           | FIB551020 |
| 25           | FIB551025 |
| 30           |           |
| 35           |           |
| 40           |           |
| 45           |           |
| 50           |           |
| 55           |           |
| 60           |           |
| 70           |           |
| 75           |           |
| 100          |           |
| 120          |           |
| 170          |           |

## Other images

