

MPN: FIB440100

## Optical Fibre Cable, LC-LC, Multimode, Duplex, OM1 (Orange) 100m

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
- Fibre Standard G.652.D



## Specifications

|                        |                             |                                                                 |
|------------------------|-----------------------------|-----------------------------------------------------------------|
| Features               | Cable length                | 100 m                                                           |
|                        | Cladding diameter           | 125 µm                                                          |
|                        | Connector 1                 | LC/UPC                                                          |
|                        | 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                                                     |
| 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        | 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

