# ROLINE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM4, violet, 5 m

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| **Product No.** | 21.15.8775 |
| **Manufacturer** | ROLINE |
| **Manufacturer No.** | 21.15.8775 |
| **EAN (single piece)** | 7611990196449 |





**ROLINE Fiber-Patchcable in OM4 quality for a high performance glas cabling**

OM4 fiber is a 50 µm laser-optimized fiber with extended bandwidth. It will be used to enhance the system performance for existing 1 and 10 Gbit/s applications as well as future 40 and 100 Gbit/s systems.
OM4 fiber will support Ethernet, Fibre Channel, and OIF applications, allowing extended reach upwards of 550 meters at 10 Gbit/s for ultra long building backbones and medium length campus backbones. With an laser bandwidth of 4700 MHz-km (more than double the IEEE requirement for 10 Gbit/s 300 meter support), the OM4 fiber is also especially well suited for shorter reach in data centers and high performance computing applications.
In use at low data rates such as 100 Mbit/s or 1 Gbit/s, OM4 is on par with the OM2 or OM3 fibers. The OM4 fiber shows their true strengths at data rates of 10 Gbit/s and 40 Gbit/s with ranges of 550 meters or 300 meters.

**The quality of the connectors and fibres and an optimal assembly procedure lead to extremely good characteristics in respect of insertion loss and reflection**

- All ROLINE Fibre Optic Jumper cables are duplex cables with fiber type 50/125 µm
- Color: Violet

| Technical specifications | |
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| Manufacturer | ROLINE |

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|---|---|
| Product group | Fibre optic cable |
| Product type | Fibre Optic Jumper Cables OM4 |
| Colour | violet |
| Length | 5 m |
| Quantity of fibre | 2 |
| Conductor composition | Compact conductor |
| Cable type | Duplex Cable |
| External cable | no |
| Fibre section | Multi mode 50/125µm OM4 |
| Connection ports | LC / ST |
| Side 1 Connector Type | LC |
| Side 2 Connector Type | ST |
| Colour (Cable) | violet |
| Aramid strain relief | yes |
| External cable diameter | 2,8x6 mm |
| Mantle of external cable | PVC |
| Cable LSOH | no |
| Max. insertion loss | 0.3 dB |
| Operating temperature min. | -20 °C |
| Operating temperature max. | 70 °C |
| Storage temperature min. | -40 °C |
| Storage temperature max. | 80 °C |
| Weight | 43.5 g |
| Height of packaging (single piece) | 10 mm |
| Width of packaging (single piece) | 150 mm |

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| Depth of packaging (single piece) | 150 mm |
| Package weight (single piece) | 0.04 kg |