

# ROLINE Fibre Optic Jumper Cable, 50/125 µm, OM4, LC/LC, Armored, violet, 3 m

<b>Product No.</b>	21.15.8612	<b>roline</b> <sup>®</sup> Designed for Professionals
<b>Manufacturer</b>	ROLINE	
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## 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
- Steel armored
- Compared to standard fiber optic patch cables, these cables are additionally protected by a flexible steel spiral helix
- Due to this high-quality cable construction, FO cables are tread-resistant and suitable for applications with increased mechanical demands
- Only suitable for indoor use

- Colour: Violet

### Technical specifications

Manufacturer	ROLINE
Product group	Fibre optic cable
Product type	Fibre Optic Jumper Cables OM4
Colour	violet
Length	3 m
Quantity of fibre	2
Conductor composition	Compact conductor
Cable type	Duplex Cable
External cable	No
Fibre section	50/125µm OM4
Connection ports	LC / LC
Side 1 Connector Type	LC
Side 2 Connector Type	LC
Aramid strain relief	Yes
External cable diameter	3 mm
Mantle of external cable	PVC
Cable LSOH	Yes
Armouring	Yes