ROLINE Fibre Optic Jumper Cable, 50/125µm, LC/ST, OM4, violet, 10 m

Product No.	21.15.8778
Manufacturer	ROLINE
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EAN (single piece)	7611990196456





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	
Manufacturer	ROLINE

Product group	Fibre optic cable
Product type	Fibre Optic Jumper Cables OM4
Colour	violet
Length	10 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	75.5 g
Height of packaging (single piece)	20 mm
Width of packaging (single piece)	200 mm

Depth of packaging (single piece)	330 mm
Package weight (single piece)	0.4 kg