

# ROLINE Fibre Optic Jumper Cable, 50/125 $\mu\text{m}$ , LC/LC, OM5, Low-Loss Connector, green, 7 m

<b>Product No.</b>	21.15.9285
<b>Manufacturer</b>	ROLINE
<b>Manufacturer No.</b>	21.15.9285
<b>EAN (single piece)</b>	7630049628540



**LSOH**

## **ROLINE fiber optic patch cables in OM5 quality for high-performance fiber optic cabling in high-density environments.**

- Security for the future! The OM5 fiber connector quality with very low insertion ensures an excellent quality at very high bandwidths of up to 100 Gbit/s Ethernet, Fibre Channel, and OIF applications with up to 150 meters - extends the system cost benefits to ultra long building backbones and medium length campus backbones.
- Material and clothing in ROLINE quality
- Duplex cables with fiber type Multimode 50/125 $\mu\text{m}$ , OM5
- The cable assembled with "low-loss" connectors achieve very good values for insertion loss and reflection. In comparison:
  - Typical attenuation of a standard LC connector: 0.5 dB
  - Typical attenuation of a low-loss LC connector: 0.15 dB
- Attenuation 850nm  $\leq$  2.3 dB/km, 953nm  $\leq$  1.7 dB/km, 1300nm  $\leq$  0.6 dB/km
- IL (Insertion Loss) < 0.15dB
- RL (Return Loss)  $\geq$  30dB
- The cable assembled with "low-loss" connectors achieve very good values for insertion loss and reflection. Insertion loss of less than 0.15dB
- Outer diameter: 2.0mm
- UPC polish

- Modal Bandwidth: 4700 MHz-km (this bandwidth is based on application-specific implementation of the EMBC requirements)

<b>Technical specifications</b>	
Manufacturer	ROLINE
Product group	Fibre optic cable
Product type	Fibre Optic Jumper Cables OM5
Colour	green
Length	7 m
Quantity of fibre	2
Conductor composition	Compact conductor
Cable type	Duplex Cable
External cable	no
Fibre section	Multi mode 50/125µm OM5
Connection ports	LC / LC
Side 1 Connector Type	LC
Side 2 Connector Type	LC
Min. Bending radius, static	20 mm
Min. Bending radius, dynamic	40 mm
Colour (Cable)	Lime Green
Aramid strain relief	yes
External cable diameter	2 mm
Mantle of external cable	LS0H
Cable LSOH	yes
Flame retardant according to IEC 60332-1-2	yes
Low smoke according to IEC 61034-2	yes

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Halogen free according to IEC 60754-2	yes
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Max. insertion loss	0.15 dB
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Min. return loss	30 dB
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Weight	53.8 g
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Height of packaging (single piece)	20 mm
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Width of packaging (single piece)	170 mm
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Depth of packaging (single piece)	170 mm
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Package weight (single piece)	0.2 kg
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