

# FO connecting cable - FOC-M12-M12-GB02/5 - 1416703

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Assembled FO cable, round cable, 50/125 µm GOF-MM fiber, M12 to M12, for installation inside buildings



GOF MM cable, assembled with M12 OPTIC to M12 OPTIC

## Product Description

Assembled FO cable, round cable, 50/125 µm GOF-MM fiber, M12 to M12, for installation inside buildings, length: 5 m

## Your advantages

- ✓ Assembled patch cable with test report
- ✓ M12-OPTIC with recessed ferrules to protect against damage
- ✓ optimized polishing for even better attenuation values
- ✓ 2.9 mm individual wires made from highly flexible FRNC material
- ✓ Rugged polyurethane (PUR) outer sheath
- ✓ Highly tear-resistant aramid strain relief elements
- ✓ Pin connector pattern in accordance with DIN/IEC 61754-27
- ✓ Included in PROFINET planning guideline (v1.14)
- ✓ Robust connector, IP65/IP67
- ✓ Can be used in 10/100/1000/10,000 Mbps Ethernet systems
- ✓ Halogen-free, ozone, and UV resistant



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356480796

## Technical data

### Mechanical characteristics

Number of positions	2
Fiber type	Multi-mode 50/125 µm fiberglass

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## Technical data

### Mechanical characteristics

Ferrule diameter	2.50 mm
Number of fibers	2
Connection method	M12 circular connector
Cable diameter	8.00 mm
Type of cable	Break-out cable
Duty cycle testing	suitable for drag chain
Degree of protection	IP65/IP67
Type	Circular connector

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-45 °C ... 85 °C
Degree of protection	IP65
	IP67

### Material data

Flammability rating according to UL 94	V0
Outer sheath, material	PUR
External sheath, color	black
Ferrule material	Zirconia ceramics

### Standards and Regulations

Duty cycle testing	suitable for drag chain
Resistance to UV radiation	yes
Impact strength	2 Nm / 10 x
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

## FO connecting cable - FOC-M12-M12-GB02/5 - 1416703

Dimensional drawing



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