

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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

Why buy this product

- 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 STK
GTIN	
GTIN	4046356480796

Technical data

Mechanical characteristics

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

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

Technical data

Mechanical characteristics

Ferrule diameter	2.50 mm
Connection method	M12 circular connector
Cable diameter	8.00 mm
Type of cable	Break-out cable
Duty cycle testing	suitable for drag chain
Length of cable	5 m
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

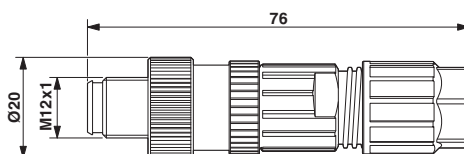
Duty cycle testing	suitable for drag chain
Resistance to UV radiation	yes
Impact strength	2 Nm / 10 x
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Dimensional drawing



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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.00767
-----	---	---------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>