

FO connecting cable - FOC-HCS-GI-1005/M12-C/SCRJ/5 - 1416651

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>)



FO connecting cable, Degree of protection: IP65/67, Cable length: 5 m, Number of positions: 2, Connection method: M12 circular connector

PCF-GI cable, assembled with M12 connector to SC-RJ

Product Description

PCF-GI cable, assembled with M12 connector to SC-RJ

Product Features

- 2.2 mm individual wires made from polyvinyl chloride (PVC)
- Assembled patch cable with test report
- M12-OPTIC with recessed ferrules to protect against damage
- optimized polishing for even better attenuation values
- Rugged installation cable for indoor use
- Gradient index fiber for maximum performance requirements in terms of transmission bandwidth
- 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 Mbps Ethernet systems
- Halogen-free, ozone, and UV resistant



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	360.0 g
Custom tariff number	85444290
Country of origin	Germany

FO connecting cable - FOC-HCS-GI-1005/M12-C/SCRJ/5 - 1416651

Technical data

Mechanical characteristics

Number of positions	2
Fiber type	PCF
Fiber	200/230 µm
Ferrule diameter	2.50 mm
Connection method	M12 circular connector
Cable diameter	8.00 mm
Type of cable	Break-out cable
Duty cycle testing	Flexible cable conduit capable
Length of cable	5 m

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP65
	IP67

Material data

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

Standards and Regulations

Duty cycle testing	Flexible cable conduit capable
Resistance to UV radiation	yes
Impact strength	2 Nm / 10 x
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27061803
eCl@ss 6.0	27061090
eCl@ss 7.0	27061090

FO connecting cable - FOC-HCS-GI-1005/M12-C/SCRJ/5 - 1416651

Classifications

eCl@ss

eCl@ss 8.0	27061003
------------	----------

ETIM

ETIM 3.0	EC000034
ETIM 4.0	EC000034
ETIM 5.0	EC001263

UNSPSC

UNSPSC 6.01	30211832
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121429

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

FO connecting cable - FOC-HCS-GI-1005/M12-C/SCRJ/5 - 1416651

Dimensional drawing

