

FOC-ST:A-SJ:C-HB02/10 PR - FO patch cable



1423846

<https://www.phoenixcontact.com/gb/products/1423846>

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 documentation. Our general terms of use for downloads are valid.

Assembled FO cable, PROFINET cable type B, 200/230 µm PCF fiber, SC-RJ/IP67 push-pull metal housing to BFOC(ST)/IP20, PVC outer sheath, halogen-free, ozone and UV-resistant, in conduit, for fixed indoor installation, length: 10 m



Your advantages

- Reliable even in EMC-sensitive applications
- Fast data transmission for demanding applications
- Flexible installation, thanks to PVC outer sheath
- Including individual test report
- Universal installation cables for fixed installation indoors and outdoors (direct underground installation not permitted)
- Additional line protection thanks to protective tube
- 2.2 mm single-core wires made from extremely hard-wearing polyvinyl chloride (PVC)
- PROFINET type B for flexible use
- Robust cable for use in harsh environments
- Halogen-free, ozone, and UV resistant

Commercial data

Item number	1423846
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABNOBB
Product key	ABNOBB
GTIN	4055626364209
Weight per piece (including packing)	1,073.81 g
Weight per piece (excluding packing)	1,073.81 g
Customs tariff number	85447000
Country of origin	CZ

Technical data

Product properties

Product type	Data cable preassembled
Application	Standard
Number of positions	2

Electrical properties

Attenuation	≤ 2 dB (at 650 nm)
	≤ 1.5 dB (with 850 nm)
Transmission medium	PCF fiber
Transmission speed	100 Mbps
Transmission speed	100 Mbps

Mechanical properties

Tensile strength short-term/long-term	800 N / 100 N
---------------------------------------	---------------

Material specifications

Ferrule material	Zirconia ceramics
Outer sheath, material	PVC

Dimensions

External dimensions	
External diameter min.	6.7 mm
External diameter max.	7.7 mm

Mechanical characteristics	
Ferrule diameter	2.50 mm

Connector

Connection 1	
Type	Plug straight Push-pull version 14
Degree of protection	IP65/IP67 (Push-pull)
	IP20 (B-FOC)

Connection 2	
Type	Plug straight B-FOC (ST)
Degree of protection	IP20

Cable/line

Cable length	10.00 m
Cable weight	45 kg/km
External cable diameter	7.2 mm
Outer sheath, material	PVC

FOC-ST:A-SJ:C-HB02/10 PR - FO patch cable



1423846

<https://www.phoenixcontact.com/gb/products/1423846>

External sheath, strain relief elements	Non-metallic, aramide fiber
Single wire, number of litz wires	2
Single wire, material	PVC
Individual wire diameter	2.2 mm $\pm$ 0.1 mm
Tensile strength short-term/long-term	800 N / 100 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	70 mm (Short-term)
	70 mm (Short-term)
660 nm	10 dB/km
850 nm	8 dB/km
Resistance to oil	very good oil and chemical resistance
Behavior in fire	Flame-resistant as per IEEE and IEC 60 332-3 test type C

FO cable

Number of fibers	2
Fiber	200/230 μ m
Fiber type	PCF fiber A3C
Cable, attenuation	10 dB/km (650 nm), 8 dB/km (at 850 nm)
Transmission medium	PCF fiber

Standards and regulations

Flame resistance	yes
Resistance to oil	yes

1423846

<https://www.phoenixcontact.com/gb/products/1423846>

Classifications

ECLASS

ECLASS-13.0	27061003
ECLASS-15.0	27061003

ETIM

ETIM 10.0	EC002700
-----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------