

FO cable - PSM-LWL-HCSO-200/230 - 2799445

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>)



PCF cable, duplex 200/230 µm, by the meter, without connector, for outdoor installation

Your advantages

- Rugged round cable for outdoor installation
- Extremely rugged polyethylene outer sheath
- Watertight lengthwise
- Integrated vapor barrier and rodent-proof scrim
- 2.9 mm individual wires made from highly flexible FRNC material
- Halogen-free, ozone, and UV resistant



Key Commercial Data

Packing unit	1 M
GTIN	
GTIN	4017918138813

Technical data

Mechanical characteristics

Weight	91.75 g
--------	---------

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Altitude	5000 m

Line characteristics

Cable abbreviation	AT-VQHB2Y 2K200/230 10A17+8B20
Length of cable	Free entry (1.0 ... 1000.0 m)
External cable diameter	10.5 mm
Wire colors	Red/Green

FO cable - PSM-LWL-HCSO-200/230 - 2799445

Technical data

Line characteristics

External sheath, color	black
Outer sheath, material	PE
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	97 kg/km
Bending radius, single element	30 mm (Short-term) 50 mm (Permanent)
Bending radius, entire cable	150 mm (Short-term) 200 mm (Permanent)
Tensile strength short-term/long-term	1500 N / 200 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
Impact strength	1,5 Nm / 3 x
cable layer type	Outdoors
Halogen-free	According to IEC 60754-2
Fiber	PCF, 200/230 µm

Attenuation

660 nm	10 dB/km
850 nm	8 dB/km

Standards and Regulations

Impact strength	1,5 Nm / 3 x
Halogen-free	According to IEC 60754-2

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 10.0.1	27061803
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061803
eCl@ss 8.0	27061803
eCl@ss 9.0	27061803

FO cable - PSM-LWL-HCSO-200/230 - 2799445

Classifications

ETIM

ETIM 2.0	EC000752
ETIM 3.0	EC000752
ETIM 4.0	EC000752
ETIM 5.0	EC000034
ETIM 6.0	EC000034
ETIM 7.0	EC000034

UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607
UNSPSC 18.0	26121607
UNSPSC 19.0	26121607
UNSPSC 20.0	26121607
UNSPSC 21.0	26121607

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
-----	---	---------------

Accessories

Accessories

Assembly tool

FO cable - PSM-LWL-HCSO-200/230 - 2799445

Accessories

Assembly tool - PSM-HCS-CLEAVETOOL - 2744995



Fiber cleaving tool for PCF fibers, pin assignment: F-SMA for the assembly of F-SMA quick mounting connectors, supplements PSM-PCF-KONFTOOL...

Connector set

FO connectors - PSM-SET-SCRJ-DUP/2-HCS - 2313070



SC-RJ connector set for PCF fiber, for self-assembly, consisting of 2 duplex quick mounting connectors with bend protection, for a single wire diameter of 2.9 mm

Data cable preassembled

FO patch cable - FOC-HCSO-1015/IP20/... - 2901557



Highly rugged PCF round cable (IP20 heads only) for assembly and for outdoor installation with integrated moisture barrier as well as rodent-proof scrim. Individual elements made from highly flexible FRNC material. The wire is ozone and UV resistant with a very rugged polyethylene outer sheath.

Data plug

FO connectors - PSM-SET-FSMA/4-HCS - 2799487



F-SMA plug set for PCF fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve

FO connectors - PSM-SET-B-FOC/4-HCS - 2708481



B-FOC (ST) connector set for PCF fiber, for self assembly consisting of 4 quick mounting connectors with bend protection sleeve

FO cable - PSM-LWL-HCSO-200/230 - 2799445

Accessories

Assembly tool - PSM-HCS-KONFTOOL - 2799526



PCF assembly kit for F-SMA quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS fibers, four F-SMA connectors for standard PCF fibers, and documentation

Assembly tool - PSM-HCS-KONFTOOL/B-FOC - 2708465



HCS assembly kit for B-FOC(ST) quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, four B-FOC(ST) connectors for standard HCS fiber, and documentation

Assembly tool - PSM-HCS-KONFTOOL/SC-RJ - 2708876



HCS assembly kit for SC-RJ quick mounting connectors, including stripping blade, stripping pliers, aramide yarn scissors, fiber stripper, microscope, fiber cleaving tool for standard HCS and HCS GI fibers, two SC-RJ connectors for standard HCS fiber, and documentation

Assembly tool - PSM-HCS-CLEAVETOOL/B-FOC - 2708478



Fiber cleaving tool for PCF fibers, pin assignment: B-FOC (ST) for the assembly of B-FOC quick mounting connectors, supplements PSM-PCF-KONFTOOL...

Assembly tool - PSM-HCS-CLEAVETOOL/SCRJ - 2313122



Fiber cleaving tool for PCF fibers, pin assignment: SC-RJ or SC duplex for the assembly of SC quick mounting connectors, supplements PSM-PCF-KONFTOOL...

Phoenix Contact 2020 © - all rights reserved
<http://www.phoenixcontact.com>

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fibre Optic Cables](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[FPD01SBS200](#) [FPD06SCC200](#) [FPT01SBS200](#) [FPDK01SCC100](#) [FCS-HCP-DUPLEX-50M](#) [FOSP45-C](#) [FURA3-20](#) [FURA4-20/A](#) [FURD3-20/A](#) [FURD4-20/A](#) [FURO6-20/A](#) [FUTA3-20](#) [FUTA3-20/A](#) [FUTA4-20](#) [FUTA4-20/A](#) [FUTD3-20/A](#) [FUTD4-20/A](#) [FUTO3-20/A](#) [FUTS3-20](#) [FUTS3-20/A](#) [FUTS4-20](#) [FUTS4-20/A](#) [943-99595-10030](#) [FUT-FARR25-20](#) [HFBR-RUD100](#) [2799445](#) [28320002](#) [28030002](#) [28000002](#) [28020002](#) [28051002](#) [28052002](#) [28351002](#) [28320001](#) [28000001](#) [28020001](#) [AERO-AS04-012-A-0X12026BKTT](#) [AERO-DF03-002-D-0XC18TT](#) [HFBR-EUS100Z](#) [HFBR-RUS100Z](#) [ER-500-1-VC-DCY-02-D0-0LWD](#) [EXO-G0-04-A-0LC32BKTT](#) [EXO-G0-08-A-0LC32GYTT](#) [EXO-G0-12-A-0XC32BKTT](#) [EXO-G0-24-A-0XC32BKTT](#) [MK-AX2-04-SM2](#) [106800-0105](#) [106800-0059](#) [106800-0098](#) [106800-0064](#)