FO cable - FL FOC PN-B-HCS-200/230 - 2313766

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PROFINET PCF fiber cable, duplex 200 µm / 230 µm, for installation in stationary systems and machines, type B, PVC outer sheath, sold by the meter without plug

Your advantages

- Universal installation cable for installation in stationary systems and machines
- For indoors
- PVC outer sheath
- 2.2 mm individual wires made from extremely hard-wearing polyvinyl chloride (PVC)
- PROFINET type B
- Ozone and UV resistant

Key Commercial Data

Packing unit	1 M
GTIN	4 046356 573382
GTIN	4046356573382

Technical data

Mechanical characteristics

Weight	46.35 g

Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C
Ambient temperature (storage/transport)	-40 °C ... 90 °C
Altitude	5000 m

Line characteristics

Cable abbreviation	AT-V(ZN)YY 2K200/230 HCS
Length of cable	Free input (1.0 ... 2000 m)
External cable diameter	7.2 mm
Wire colors	Black and orange with arrow labeling

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Technical data

Line characteristics

External sheath, color	green
Outer sheath, material	PVC
Strain relief elements, external sheath	Non-metallic, aramide fiber
Cable weight	45 kg/km
Bending radius, single element	30 mm (Short-term)
	50 mm (Permanent)
Bending radius, entire cable	70 mm (Short-term)
	105 mm (Permanent)
Tensile strength short-term/long-term	800 N / 100 N
Lateral pressure short term	500 N/cm
Lateral pressure, long-term	300 N/cm
cable layer type	Indoors
Resistance to oil	very good oil and chemical resistance
Fiber	PCF, 200/230 µm

Attenuation

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

Standards and Regulations

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

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

ETIM

ETIM 2.0	EC000034

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Classifications

ETIM

ETIM 3.0	EC000034
ETIM 4.0	EC000034
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

Accessories

Accessories

Data cable preassembled

FO patch cable - FOC-PN-HCS-1018/IP20/... - 2901556



PCF PROFINET installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, individual elements of polyamide (PA), ozone- and UV-resistant, with PVC outer sheath

FO patch cable - FOC-PN-HCS-1018/... - 1402190



HCS PROFINET installation cables that can be assembled for fixed installation indoors and outdoors (direct underground installation not permitted) with individual elements made from extremely hard-wearing polyamide (PA). The cable is halogen-free, ozone and UV resistant and has a PVC outer sheath.

Data plug

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Accessories

FO connectors - PSM-SET-SCRJ-DUP/2-HCS/PN - 2313546



SC-RJ connector set for standard PROFINET PCF fiber cables with 2.2 mm diameter of the individual elements. Consisting of 2 duplex quick mounting connectors with bend protection for self-assembly.

FO connectors - PSM-SET-B-FOC/4-HCS/PN - 2313782



B-FOC (ST) connector set for standard PROFINET PCF fiber cables with 2.2 mm diameter of the individual elements. Consisting of 4 quick mounting connectors with bend protection for self-assembly.

FO connectors - PSM-SET-SC-DUPLEX/2-HCS/PN - 2313779



SC duplex connector set for standard PROFINET PCF fiber cables with 2.2 mm diameter of the individual elements. Consisting of 2 duplex quick mounting connectors with bend protection for self-assembly.

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-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

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Accessories

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...

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...

Fiber optic connector (cable side)

FO connectors - VS-PPC-C1-SCRJ-MNNA-PG9-A3C-C - 1608045



Fiber optic connector SC-RJ, IP67, with push-pull interlocking, metal housing, duplex, with fast connection technology, for PCF fiber 200/230 µm, for individual wire diameter 2.2 mm, for cable cross section 6.5 mm ... 9.5 mm

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