

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



2313766

<https://www.phoenixcontact.com/us/products/2313766>

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.



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 single-core wires made from extremely hard-wearing polyvinyl chloride (PVC)
- PROFINET type B
- Ozone and UV resistant

Commercial data

Item number	2313766
Packing unit	1 m
Minimum order quantity	1 m
Note	Made to order (non-returnable)
Sales key	DN06
Product key	DNC232
GTIN	4046356573382
Weight per piece (including packing)	46.35 g
Weight per piece (excluding packing)	46.35 g
Customs tariff number	85447000
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use
---------------------	-------------------------

Product properties

Product type	Data cable by the meter
--------------	-------------------------

Electrical properties

Transmission medium	PCF fiber
---------------------	-----------

Interfaces

Signal	Ethernet
	PROFINET
	PROFIBUS
	Modbus

Dimensions

External dimensions

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

Material specifications

Color (Outer sheath)	green (RAL 6021)
Color (Single-core wire)	black (RAL 9005)
Outer sheath, material	PVC

Cable/line

Cable length	Free input (1.0 ... 2000 m)
Cable weight	45 kg/km
Cable abbreviation	AT-V(ZN)YY 2K200/230 HCS
External cable diameter	7.2 mm
Outer sheath, material	PVC
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 ±0.1 mm
Bending radius, single element	30 mm (Short-term)
	30 mm (Short-term)
Bending radius, entire cable	70 mm (Short-term)
	70 mm (Short-term)
	30 mm (Short-term)

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



2313766

<https://www.phoenixcontact.com/us/products/2313766>

Bending radius	50 mm (permanent)
	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
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

Fiber	PCF, 200/230 µm
-------	-----------------

Mechanical properties

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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C
Ambient temperature (storage/transport)	-40 °C ... 90 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Altitude	5000 m
Resistance to oil	very good oil and chemical resistance

Standards and regulations

Behavior in fire	Flame-resistant as per IEEE and IEC 60 332-3 test type C
Resistance to oil	very good oil and chemical resistance

Mounting

cable layer type	Indoors
------------------	---------

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



2313766

<https://www.phoenixcontact.com/us/products/2313766>

Classifications

ECLASS

ECLASS-13.0	27061803
ECLASS-15.0	27061803

ETIM

ETIM 9.0	EC000034
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

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



2313766

<https://www.phoenixcontact.com/us/products/2313766>

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%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com