

VS-PN-CABLE-1001-B/PUR-A3C/100 - FO cable



1609455

<https://www.phoenixcontact.com/us/products/1609455>

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 fiber optic cable, PCF fiber 200/230 μm , type B, stranded, for indoor installation, PUR outer sheath, color RAL 6018 (yellow-green), cable ring: 100 m

Commercial data

Item number	1609455
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABNICB
GTIN	4046356166904
Weight per piece (including packing)	5,973 g
Weight per piece (excluding packing)	5,973 g
Country of origin	DE

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 9.2 Optical fibre cables (POF, PCF, multi-mode, single mode)
---------	---

Product properties

Product type	Data cable by the meter
Sensor type	PROFINET
Number of positions	2

Electrical properties

Attenuation	≤ 6 dB (per km at 850 nm)
-------------	---------------------------

Material specifications

Outer sheath, material	LSFH
------------------------	------

Cable/line

Cable weight	67 kg/km
External cable diameter	7.50 mm
Outer sheath, material	PE
External sheath, color	green RAL 6018
Conductor structure signal line	230.00 µm
Wire diameter incl. insulation	2.2 mm
Single wire, color	black, orange
Smallest bending radius, fixed installation	105 mm
Smallest bending radius, movable installation	70 mm
Halogen-free	according to IEC 60754-1

FO cable

Number of fibers	2
Fiber type	PCF
Transmission medium	FO

Mechanical properties

Tensile strength short-term/long-term	2000 N / 1000 N
---------------------------------------	-----------------

Mechanical data

Max. bending cycles	10000
---------------------	-------

Characteristics

Attenuation	≤ 6 dB (per km at 850 nm)
-------------	---------------------------

Environmental and real-life conditions

VS-PN-CABLE-1001-B/PUR-A3C/100 - FO cable



1609455

<https://www.phoenixcontact.com/us/products/1609455>

Ambient conditions

Impact strength	2,2 Nm / 200 x
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 60 °C

Mounting

cable layer type	Outdoors
------------------	----------

VS-PN-CABLE-1001-B/PUR-A3C/100 - FO cable



1609455

<https://www.phoenixcontact.com/us/products/1609455>

Environmental product compliance

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 2026 © - 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