

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



1609455

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PROFINET fiber optic cable, PCF fiber 200/230  $\mu\text{m}$ , 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)
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### 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)
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### Material specifications

Outer sheath, material	LSFH
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### 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
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### Mechanical data

Max. bending cycles	10000
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### Characteristics

Attenuation	≤ 6 dB (per km at 850 nm)
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### Environmental and real-life conditions

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## 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
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## 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%
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