

VS-PN-CABLE-1021/PVC-5X1,5/100 - Power cable



1659007

<https://www.phoenixcontact.com/us/products/1659007>

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Power cable, number of positions: 5, PROFINET/power



Commercial data

Item number	1659007
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABNOIA
Catalog page	Page 216 (PC-2007)
GTIN	4046356182010
Weight per piece (including packing)	12,808 g
Weight per piece (excluding packing)	12,800 g
Country of origin	DE

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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 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
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Product properties

Product type	Data cable by the meter
Sensor type	PROFINET/power
Number of positions	5
Shielded	no

Electrical properties

Rated voltage (III/3)	500 V
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Material specifications

Outer sheath, material	PVC
Conductor material	Bare Cu litz wires

Cable/line

PVC gray [PVC]

Shielded	no
Cable type	PVC gray
Cable type (abbreviation)	PVC
External cable diameter	8.1 mm
Outer sheath, material	PVC
External sheath, color	silver-grey RAL 7001
Conductor material	Bare Cu litz wires
Conductor cross section	1.5 mm ²
Smallest bending radius, fixed installation	40 mm
Smallest bending radius, movable installation	150 mm

FO cable

Transmission medium	Copper
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 70 °C (Cable, flexible installation)

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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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Accessories

Al 1,5 -10 BK - Ferrule

3200195

<https://www.phoenixcontact.com/us/products/3200195>



Ferrule, sleeve length: 10 mm, color: black

CRIMPFOX ZA 3 - Tool

1201882

<https://www.phoenixcontact.com/us/products/1201882>



Crimping pliers, for ferrules in accordance with DIN 46228-1: 1992-08 and DIN 46228-4: 1990-09

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CUC-PPC-C2ZNI-SS/24FKP5 - Power connector

1421785

<https://www.phoenixcontact.com/us/products/1421785>



Power connector, degree of protection: IP65/IP67, number of positions: 5, material: Metal, connection method: Spring-cage connection, connection cross section: AWG 18- 13, cable outlet: straight, Universal

CUC-PPC-C2ZNI-SS/24FKP5:FC - Power connector

1425515

<https://www.phoenixcontact.com/us/products/1425515>



Power connector, degree of protection: IP65/IP67, number of positions: 5, material: Metal, connection method: Spring-cage connection, connection cross section: AWG 18- 13, cable outlet: straight, Universal

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CUC-V14-F2ZNI-EM/24FN5:FC - Panel feed-through

1408235

<https://www.phoenixcontact.com/us/products/1408235>



Push/pull panel mounting frame, metal, version 14, including contact insert with spring-cage connection, flexible coding, for rectangular mounting cutout, with seal, without fixing screws

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