INDUSTRIAL COMPONENT DATA

# VS-PN-CABLE-1020/PVC-5X2,5/100 1609523 PHOENIX CONTACT Power cable

**Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PN-CABLE-1020/PVC-5X2,5/100**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VS-PN-CABLE-1020/PVC-5X2,5/100 |
| Catalog number | 1609523 |
| Category | Power cable less 1 kV, for moving application |
| Minimum order | 1 Pcs |
| Document ID | EO-482F0384AE |
| Generated | 2026-11-19 |

## Product Overview

Power cable
PROFINET power cable, 5 x 2.5 mm², flexible (7 wires), outer sheath: PVC, outer diameter 11.8 mm, RAL 7001 (silver grey), oil-resistant, cable reel: 100 m

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Key Commercial Data
Orderkey 1609523
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 216 (PC-2007)
GTIN 4046356166881
Weight per Piece (excluding packing) 24,070.000 g
Custom tariff number 85444995
Country of origin DE (Germany)
Mechanical characteristics
Number of positions 5
Shielded no
Cable diameter 11.80 mm

Length of cable 100 m
Ambient conditions
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)
-5 °C ... 70 °C (cable, flexible installation)
Material data
Outer sheath, material PVC
External sheath, color silver-gray RAL 7001
Electrical characteristics
Rated voltage (III/3) 750 V
Line characteristics
Cable type PVC gray
Conductor cross section 5x 2.5 mm²
AWG power supply 14
Conductor structure, voltage supply 50x 0.25 mm
External cable diameter 11.8 mm
Wire colors blue, brown, black, gray, green/yellow
External sheath, color gray RAL 7001
Insulation resistance > 0.2 M?*km
Nominal voltage, cable 750 V
1000 V (Fixed, protected installation)
Test voltage, cable 4000 V
Overall twist 5 cores, twisted
Outer sheath, material PVC
Material conductor insulation PVC
Conductor material Bare Cu litz wires
Cable weight 242 kg/km
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 15 x D
cable layer type Indoors
Flame resistance according to IEC 60332-1-2
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)
-5 °C ... 70 °C (cable, flexible installation)
Environmental P...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PN-CABLE-1020/PVC-5X2,5/100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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