INDUSTRIAL COMPONENT DATA

VS-PPC/PL-IP20-93R-LI/5,0 1416249 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PPC/PL-IP20-93R-LI/5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-PPC/PL-IP20-93R-LI/5,0
Catalog number	1416249
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-A7337E527F
Generated	2026-11-18

Product Overview

Network cable

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1416249
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 311 (PC-2011)
GTIN 4046356473408
Weight per Piece (excluding packing) 342.200 g
Custom tariff number 85444210
Country of origin PL (Poland)
General data
Number of positions 4
Characteristics head 1
Material (component) Plastic
Characteristics head 2
Material (component) Plastic

Cable
Cable type PROFINET robot CAT5
Cable type (abbreviation) 93R
UL AWM style 20233 (80°C/300 V)
Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps
EtherCAT®CAT5 (IEC 11801), 100 Mbps
Cable structure 1x4xAWG22/19; S/TQ
Conductor cross section 4x 0.34 mm²
AWG signal line 22
Conductor structure signal line 19x 0.15 mm
Core diameter including insulation 1.5 mm
Wire colors White, yellow, blue, orange
Overall twist Star quad
Shielding Tinned copper braided shield
Optical shield covering 85 %
External sheath, color green RAL 6018
Outer sheath thickness approx. 1 mm
External cable diameter D 6.5 mm ±0.2 mm
Minimum bending radius, fixed installation 5 x D
Torsion force ± 180 °/m (1 000 000 torsion cycles)
Cable weight 55 kg/km
Outer sheath, material PUR
Material conductor insulation Foamed PE
Conductor material Tin-plated Cu litz wires
Insulation resistance >= 500 M?*km
Loop resistance <= 120.00 ?/km
Wave impedance 100 ? ±5 ? (at 100 MHz)
Attenuation 2.9 dB (with 1 MHz)
5 dB (at 4 ?Hz)
8.1 dB (at 10 MHz)
10.4 dB (at 16 MHz)
11.9 dB (at 20 ?Hz)
15.5 dB (at 31.25 ?Hz)
26.5 dB (at 62.5 ?Hz)
41 dB (a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PPC/PL-IP20-93R-LI/5,0 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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