INDUSTRIAL COMPONENT DATA

VS-FSBM16-IP20-93E/1,1+EMV-N 1444720 PHOENIX CONTACT Network cable VS-FSBM16-IP20-93E/1,1+EMV-N 1444720

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-FSBM16-IP20-93E/1,1+EMV-N



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-FSBM16-IP20-93E/1,1+EMV-N
Catalog number	1444720
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-C1E9899FEB
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Product Overview

Network cable - VS-FSBM16-IP20-93E/1,1+EMV-N - 1444720

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

Network cable, number of positions: 4, 100 Mbps, CAT5
Key Commercial Data
Orderkey 1444720
Packing unit 1
GTIN 4046356567466
Custom tariff number 85444290
General
Number of positions 4
4
Cable
Cable type PUR ETHERNET 2x2 FLEX
Cable type (abbreviation) 93E
UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT5 (IEC 11801), 100 Mbps
Cable structure 2x2xAWG26/7; SF/UTP
Conductor cross section 2x 2x 0.14 mm²
AWG signal line 26
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 0.98 mm
Wire colors white/orange-orange, white/green-green
Twisted pairs 2 cores to the pair
Overall twist Two pairs with two fillers to the core
Shielding Aluminum-coated foil, tinned copper braided shield
Optical shield covering 70 %
External sheath, color water blue RAL 5021
Outer sheath thickness 1.2 mm
External cable diameter D 6.4 mm ±0.2 mm
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 8 x D
Tensile strength GRP <= 80 N
Cable weight 42 kg/km
Outer sheath, material PUR
Material conductor insulation Foamed PE
Conductor material Bare Cu litz wires
Standards/specifications Electrical requirements EN 50288-2-2
Insulation resistance >= 500 M?*km
Loop resistance <= 290.00 ?/km
Cable capacity approx. 45 nF/km (at 1 kHz)
Wave impedance 100 ? ±5 ? (at 100 MHz)
Near end crosstalk attenuation (NEXT) 65.3 dB (with 1 MHz)
56.3 dB (at 4 ?Hz)
50.3 dB (at 10 MHz)
47.2 dB (at 16 MHz)
45.8 dB (at 20 ?Hz)
42.9 dB (at 31.25 ?Hz)
38.4 dB....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-FSBM16-IP20-93E/1,1+EMV-N 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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