

INDUSTRIAL COMPONENT DATA

NBC-M12MRD/ 5,0-93E/R4AC 1417249 PHOENIX CONTACT Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 S..

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-MRD-IP20-93E/ 5,0 SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-MRD-IP20-93E/ 5,0 SCO
Catalog number	1417249
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-09ABCE73FE
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Product Overview

Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), M12 plug angled on RJ45 socket/IP20, line, D-coded, length 5 m

Ready-made Ethernet cable, CAT5e, shielded, 2 pairs, flexible AWG 26 (7 wires), RAL 5021 (aqua blue), M12 male connector angled to RJ45/IP20 male connector, Line, D-coded, length 5 m

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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data

Orderkey 1417249

Packing unit 1

GTIN 4046356523684

Custom tariff number 85444290

Drawings

Ambient conditions

Standards and Regulations

Environmental Product Compliance

Mechanical characteristics

Material data

Line characteristics

Classifications

Drawings

Dimensional drawing

Cable cross section

PUR ETHERNET 2x2 FLEX [93E]

[Back to top](#)Mechanical characteristics

Number of slots 1

Degree of pollution 3

Transmission characteristics (category) CAT5

No. of cable outlets 1

[Back to top](#)Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C (cable, fixed installation)

-5 °C ... 50 °C (cable, flexible installation)

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Flammability rating according to UL 94 V2

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Flammability rating according to UL 94 V2

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Cable type PUR ETHERNET 2x2 FLEX

Cable abbreviation 02YS(ST)C11Y

UL AWM style 20963 (80°C/30 V)

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

External cable diameter 6.4 mm ±0.2 mm

Wire colors white/orange-orange, white/green-green

External sheath, color water blue RAL 5021

Transmission medium Copper

Insulation resistance $\geq 500 \text{ M}\Omega\cdot\text{km}$

Wave impedance $100 \Omega \pm 5 \Omega$ (at 100 MHz)

Near end crosstalk attenuation (NEXT) 65.3 dB (with 1 MHz)

56.3 dB (at 4 kHz)

50.3 dB (at 10 MHz)

47.2 dB (at 16 MHz)

45.8 dB (at 20 kHz)

42.9 dB (at 31.25 kHz)

38.4 dB....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-MRD-IP20-93E/ 5,0 SCO 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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