

INDUSTRIAL COMPONENT DATA

NBC-MRD/ 1,5-93E/MRD SCO 1421988 PHOENIX CONTACT

Bus system cable NBC-MRD/ 1,5-93E/MRD SCO 1421988

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MRD/ 1,5-93E/MRD SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MRD/ 1,5-93E/MRD SCO
Catalog number	1421988
Category	Patch cord copper (twisted pair)
Minimum order	50 Pcs
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Product Overview

Bus system cable - NBC-MRD/ 1,5-93E/MRD SCO - 1421988
 Assembled Ethernet cable, CAT5e, shielded, 2-pair, 26 AWG stranded (7-wire), RAL 5021 (water blue), angled M12 SPEEDCON plug to angled M12 SPEEDCON plug, line, length: 1 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Data cable preassembled
 Sensor type Ethernet
 Number of positions 4
 InterfacesSignal type/category Ethernet, 100 Mbps
 SignalingStatus display no
 Status display present No
 Electrical propertiesNominal voltage UN 48 V AC
 60 V DC
 Nominal current IN 4 A (Plug/socket in accordance with IEC 61076-2-101, cable technical data is to be observed)
 Cable/lineEthernet flexible CAT5, 2-pair [93E]
 Dimensional drawing
 Cable weight 42 kg/km
 UL AWM Style 20963 (80°C/30 V)

Wiring standards/regulations Electrical requirements EN 50288-2-2

Number of positions 4

Shielded yes

Cable type Ethernet flexible CAT5, 2-pair [93E]

Conductor structure 2x2xAWG26/7, SF/UTP

Signal runtime 5.3 ns/m

Conductor structure signal line 7x 0.16 mm

AWG signal line 26

Conductor cross section 2x 2x 0.14 mm²

Wire diameter incl. insulation 0.98 mm

External cable diameter 6.40 mm ±0.2 mm

Outer sheath, material PUR

External sheath, color water blue RAL 5021

Conductor material Bare Cu litz wires

Material wire insulation Foamed PE

Single wire, color white/orange-orange, white/green-green

Thickness, outer sheath 1.20 mm

Twisted pairs 2 cores to the pair

Overall twist Two pairs with two fillers to the core

Optical shield covering 70 %

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

Coupling resistance $\leq 100.00 \text{ m}\Omega/\text{m}$ (at 10 MHz)

Loop resistance $\leq 290.00 \text{ }\Omega/\text{km}$

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

Cable capacity approx. 45 nF/km (at 1 kHz)

Nominal voltage, cable $\leq 100 \text{ V}$ (Peak value, not for high-power...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MRD/ 1,5-93E/MRD 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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