INDUSTRIAL COMPONENT DATA

NBC-M12MRD/ 5,0-93E/M12MRD 1409200 PHOENIX CONTACT Network cable NBC-MRD/ 5,0-93E/MRD SCO 1409200

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

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-MRD/ 5,0-93E/MRD SCO
Catalog number	1409200
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-B9B82CD304
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Product Overview

Network cable - NBC-MRD/ 5,0-93E/MRD SCO - 1409200
Ready-made Ethernet cable, CAT5e, shielded, 2 pairs, flexible AWG 26 (7 wires), RAL 5021 (aqua blue), M12 angled SPEEDCON male connector in SPEEDCON angled M12 male connector, Line, length 5 m
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: 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

Technical dataProduct propertiesProduct type Data cable preassembled
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
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 >= 500 M?*km
Coupling resistance <= 100.00 m?/m (at 10 MHz)
Loop resistance <= 290.00 ?/km
Wave impedance 100 ? ±5 ? (at 100 MHz)
Cable capacity approx. 45 nF/km (at 1 kHz)
Nominal voltage, cable <= 100 V (Peak value, not for high-power applications)
Test voltage Core/Core 700 V (50 Hz, 1 min.)
Test voltage Core/Shield 700.00 V (50 Hz, 1 min.)
Current carrying capacity of cable 2.00 A (according to DIN VDE 0891-1)
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, fle...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MRD/ 5,0-93E/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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