

INDUSTRIAL COMPONENT DATA

NBC-M12MSD/RJ45X/931/ 2,0 1561797 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MSD/RJ45X/931/ 2,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MSD/RJ45X/931/ 2,0
Catalog number	1561797
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
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Product Overview

Network cable

Ready-made Ethernet cable, CAT5e, shielded, 2 pairs, flexible AWG 26 (7 wires), RAL 5021 (aqua blue), M12, 4 poles, D-coded, to RJ45 connector, length: 2 m, customer variant

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

Key Commercial Data

Orderkey 1561797

Packing unit 1 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356288637

Weight per Piece (excluding packing) 118.100 g

Custom tariff number 85444210

Country of origin PL (Poland)

Mechanical characteristics

Number of positions 4

Shielded yes

Cable diameter 6.70 mm

Cable structure 2x2xAWG26/7; S-FTP

Length of cable 2 m

Degree of protection IP67/IP20

Ambient conditions

Ambient temperature (operation) -20 °C ... 60 °C (cable, fixed installation)

0 °C ... 50 °C (cable, flexible installation)

Plug / socket

Degree of protection IP20

IP67

Material data

Housing material TPU/PA

Outer sheath, material PUR

External sheath, color water blue RAL 5021

Electrical characteristics

Transmission characteristics (category) CAT5 (IEC 11801:2002)

Line characteristics

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

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

56.3 dB (at 4 MHz)

50.3 dB (at 10 MHz)

47.2 dB (at 16 MHz)

45.8 dB (at 20 MHz)

42.9 dB (at 31.25 MHz)

38.4 dB...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MSD/RJ45X/931/ 2,0 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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