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
Document ID	EO-ED0890B0C3
Generated	2026-11-19

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)

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 >= 500 M?*km
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 / 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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