INDUSTRIAL COMPONENT DATA

NBC-100,0- 97B 1583499 PHOENIX CONTACT By meters, Cable ring, Single Pair Ethernet, shielded, PVC, black, 2-..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-100,0-97B



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-100,0-97B
Catalog number	1583499
Category	Data and communication cable
Minimum order	1 Pcs
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Product Overview

By meters, Cable ring, Single Pair Ethernet, shielded, PVC, black, 2-conductors (1 x 2 x AWG 22/7, S/FTP), color single conductors: white, blue, cable length: 100 m
Network cable
By the meter, Cable reel, Single Pair Ethernet, shielded, PVC, black, 2-wire (1 x 2 x AWG 22/7, S/FTP), color single wire: white, blue, cable length: 100 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 by the meter
Sensor type Single Pair Ethernet
Number of positions 2
Application Standard
Shielded yes
Electrical propertiesNominal voltage UN 72 V DC
Transmission medium Copper
Connection dataCross section AWG (converted acc. to IEC)
InterfacesBus system Ethernet
Signal type/category Single Pair Ethernet, 10 Mbps
Cable/lineCable length 100 m

Single Pair Ethernet PUR flexible, black [97B]
Dimensional drawing
Shielded yes
UL AWM Style 2095 (80°C/300 V)
Cable type Single Pair Ethernet PUR flexible, black
Cable type (abbreviation) 97B
Signal type/category Single Pair Ethernet
Cable structure 1 x 2 x AWG 22/7, S/FTP
External cable diameter 5.1 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color black
Thickness, outer sheath 0.55 mm
Conductor material Tin-plated Cu litz wires
Conductor structure signal line 7x
AWG signal line 22
Conductor cross section 2x 0.34 mm²
Material wire insulation Foamed PE
Wire diameter incl. insulation 1.65 mm
Single wire, color white, blue
Twisted pairs 2 cores to the pair
Overall twist 1 pair with fillers twisted horizontally
Shielding Aluminum-coated foil, tinned copper braided shield
Optical shield covering 80 %
Nominal voltage, cable 300 V
Cable resistance <= 59.4 ?/km
Cable insulation resistance >= 5 G?*km
Wave impedance 100 ? ±15 ? (at 20 ?Hz)
Minimum bending radius, fixed installation 4 x D
Flame resistance According to FT-2
Ambient temperature (operation) -20 °C ... 80 °C (cable, fix...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-100,0-97B 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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