INDUSTRIAL COMPONENT DATA

NBC-100,0- 99B 1583504 PHOENIX CONTACT By meters, Cable ring, Single Pair Ethernet (1 GBit/s), shielded, hal..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-100,0-99B



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-100,0-99B
Catalog number	1583504
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-75ECA72C99
Generated	2026-11-18

Product Overview

By meters, Cable ring, Single Pair Ethernet (1 GBit/s), shielded, halogen-free PUR, green, 2-conductors (1 x 2 x AWG 22/7, S/FTP), single conductor color: white, blue, cable length: 100 m
Network cable
By the meter, Cable reel, Single Pair Ethernet (1 Gbps), shielded, PUR halogen-free, green, 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, 1 Gbps
Cable/lineCable length 100 m

Single Pair Ethernet PUR flexible, green [99B]
Dimensional drawing
Shielded yes
UL AWM Style 20233 (80°C/300 V)
Cable weight 42 kg/km
Cable type Single Pair Ethernet PUR flexible, green
Short symbol 02YS(ST)C11Y
Cable type (abbreviation) 99B
Signal type/category Single Pair Ethernet, 1 Gbps
Cable structure 1 x 2 x AWG 22/7, S/FTP
External cable diameter 5.8 mm ±0.3 mm
Outer sheath, material PUR
External sheath, color green
Thickness, outer sheath 0.8 mm
Conductor material Bare 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 1.8 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 90 %
Nominal voltage, cable <= 100 V
Test voltage Core/Core 1000 V (50 Hz, 1 min.)
Test voltage Core/Shield 1000 V (50 Hz, 1 min.)
Cable insulation resistance >= 5 G?*km
Wave impedance 100 ? ±5 ? (at 100 MHz)
Loop resistance <= 120.00 ?/km...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-100,0-99B 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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