INDUSTRIAL COMPONENT DATA

NBC-R4AC/1,0-94B/R4MC 1414424 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4AC/1,0-94B/R4MC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-R4AC/1,0-94B/R4MC
Catalog number	1414424
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-C10E0AFA74
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Product Overview

Network cable

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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1414424
Packing unit 1 pc
GTIN 4055626043937
Weight per Piece (excluding packing) 60.020 g
Custom tariff number 85444210
Country of origin PL (Poland)
General data
Number of positions 8
Degree of pollution 2
Alternative short product description Ethernet cable
Rated voltage (III/3) 72 V (DC)
Standards and Regulations
Flammability rating according to UL 94 V2
Cable

Cable type Ethernet, flexible, CAT5
Cable type (abbreviation) 94B
UL AWM style 20963 (80°C/30 V)
Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps
Cable structure 4x2xAWG26/7; SF/UTP
Conductor cross section 4x 2x 0.14 mm²
AWG signal line 26
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 0.96 mm
Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs 2 cores to the pair
Overall twist 4 pairs for core
Shielding Aluminum-coated foil, tinned copper braided shield
Optical shield covering 70 %
External sheath, color water blue RAL 5021
Outer sheath thickness 1.05 mm
External cable diameter D 6.4 mm ±0.2 mm
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 8 x D
Tensile strength GRP <= 100 N
Cable weight 47 kg/km
Outer sheath, material PUR
Material conductor insulation Foamed PE
Conductor material Bare Cu litz wires
Insulation resistance >= 500 M?*km
Loop resistance <= 290.00 ?/km
Cable capacity 48 nF/km (at 1 kHz)
Wave impedance 100 ? ±5 ? (at 100 MHz)
Near end crosstalk....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4AC/1,0-94B/R4MC 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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