INDUSTRIAL COMPONENT DATA

NBC-500,0-94B 1410276 PHOENIX CONTACT Network cable, Ethernet, 8-wire, shielded, PUR, halogen-free, RAL 5021..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-500,0-94B



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-500,0-94B
Catalog number	1410276
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-AF82E43A9E
Generated	2026-11-19

Product Overview

Network cable, Ethernet, 8-wire, shielded, PUR, halogen-free, RAL 5021 (water blue), 26 AWG, 4 x 2 x 0.14 mm², cable length: 500 m
Network cable, Ethernet, 8 conductors, shielded, halogen-free PUR, water blue RAL 5021, AWG 26, 4x 2x 0.14 mm², cable length: 500 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

Key Commercial Data
Orderkey 1410276
Packing unit 1
GTIN 4046356893589
Custom tariff number 85444995
Drawings
Ambient conditions
Standards and Regulations
Environmental Product Compliance
Dimensions
General data
Cable

Classifications
Drawings
Cable cross section
Ethernet, flexible, CAT5 [94B]
Back to topDimensions
Length of cable 500 m
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 80 °C (cable, fixed installation)
-20 °C ... 80 °C (cable, flexible installation)
Back to topGeneral data
Rated voltage 30 V AC
30 V DC
Number of positions 8
Signal type/category Ethernet CAT5 (IEC 11801:2002)
Back to topStandards and Regulations
Flame resistance IEC 60332-1-2
Resistance to oil in accordance with DIN EN 60811-2-1
Halogen-free according to IEC 60754-1
Back to topCable
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 bend...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-500,0-94B 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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