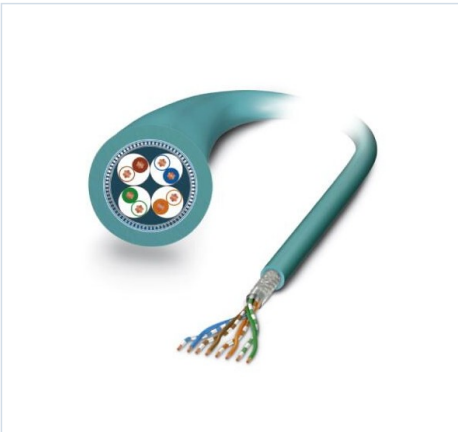


INDUSTRIAL COMPONENT DATA

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-F6F8C47E58
Generated	2026-08-03

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)
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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 top](#)[Dimensions](#)

[Length of cable 500 m](#)

[Back to top](#)[Ambient conditions](#)

[Ambient temperature \(operation\) -40 °C ... 80 °C \(cable, fixed installation\)](#)

[-20 °C ... 80 °C \(cable, flexible installation\)](#)

[Back to top](#)[General data](#)

[Rated voltage 30 V AC](#)

[30 V DC](#)

[Number of positions 8](#)

[Signal type/category Ethernet CAT5 \(IEC 11801:2002\)](#)

[Back to top](#)[Standards 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 top](#)[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 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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