

INDUSTRIAL COMPONENT DATA

NBC-500,0-94E 1408572 PHOENIX CONTACT Cable ring, bus system cable, Ethernet, 8-wire, shielded, FRNC, blue o..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-500,0-94E
Catalog number	1408572
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-6B1DAD1FF8
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Product Overview

Cable ring, bus system cable, Ethernet, 8-wire, shielded, FRNC, blue outer sheath, 4 x 2 x AWG 23/1, cable length: 500 m

Cable ring, CAT7 Ethernet (10 GBit/s), 8-pole halogen-free, shielded, 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 1408572

Packing unit 1

GTIN 4046356826396

Custom tariff number 85444995

Drawings

General data

Environmental Product Compliance

Dimensions

Cable

Classifications

Drawings

Cable cross section

Ethernet [94E]

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Length of cable 500 m

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Rated voltage 30 V AC

30 V DC

Number of positions 8

Signal type/category Ethernet CAT7, 10 Gbps

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Cable type Ethernet

Cable type (abbreviation) 94E

UL AWM style 10797 (80°C/30 V)

Signal type/category Ethernet CAT7, 10 Gbps

Cable structure 4x2xAWG23/1; S/FTP

Conductor cross section 4x 2x 0.3 mm²

AWG signal line 23

Conductor structure signal line 1x

Core diameter including insulation 1.45 mm ±0.05 mm

Wire colors White-blue, white-orange, white-green, white-brown

Twisted pairs 2 cores to the pair

Type of pair shielding Aluminum-lined polyester foil

Overall twist 4 pairs, twisted

Shielding Aluminum-lined polyester foil, tinned copper braided shield

Optical shield covering 65 %

External sheath, color water blue RAL 5021

External cable diameter D 8 mm ±0,3 mm

Smallest bending radius, fixed installation 30 mm

Smallest bending radius, movable installation 60 mm

Tensile strength GRP 80 N

Cable weight 55 kg/km

Copper weight 32.8 kg/km

Outer sheath, material FRNC

Material conductor insulation Foamed PE

Conductor material Bare Cu wire

Insulation resistance > 5 G?·km

Conductor resistance < 75 ?/km

Cable capacity < 56 nF/km

Wave impedance 100 ? ±5 ? (at 100 MHz)

Signal speed 0.6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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