

INDUSTRIAL COMPONENT DATA

VS-OE-OE-94D-100,0 1416334 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-94D-100,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-94D-100,0
Catalog number	1416334
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-94A5887044
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Product Overview

Network cable

Network cable, CAT5 Ethernet (1 GBit/s), 8-pole, shielded, free cable end, to free cable end, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1416334

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356474559

Weight per Piece (excluding packing) 4,790.000 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General data

Number of positions 8

Signal type/category Ethernet CAT5, 1 Gbps

Cable

Cable type Ethernet

Cable type (abbreviation) 94D

UL AWM style 2464 (80°C/300 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 0.98 mm ±0.05 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, twisted

Shielding Aluminum-lined polyester foil, tinned copper braided shield

Optical shield covering 85 %

External sheath, color black RAL 9005

Outer sheath thickness 0.8 mm

External cable diameter D 6.4 mm ±0.2 mm

Smallest bending radius, fixed installation 30 mm

Smallest bending radius, movable installation 60 mm

Tensile strength GRP 80 N

Outer sheath, material PVC (reinforced) UV-resistant

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance $\geq 5 \text{ G}\Omega\cdot\text{km}$ Conductor resistance $< 140 \text{ }\Omega/\text{km}$ Cable capacity $< 56 \text{ nF/km}$ Wave impedance $100 \text{ }\Omega \pm 15 \text{ }\Omega$ (at 4 ... 100 MHz)

Signal speed 0.6 c

Nominal voltage, cable 72 V DC

300 V....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-94D-100,0 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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