

INDUSTRIAL COMPONENT DATA

VS-OE-OE-94C-100,0 1416318 PHOENIX CONTACT Network cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-94C-100,0
Catalog number	1416318
Category	Data and communication cable
Minimum order	1 Pcs
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Product Overview

Network cable

Network cable, CAT5 Ethernet (1 GBit/s), 8-pole halogen-free, shielded, free cable end, to free cable end, cable length: 100 m, for drag chains

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 1416318

Packing unit 1 pc

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GTIN 4046356475617

Weight per Piece (excluding packing) 5,354.800 g

Custom tariff number 85444995

Country of origin DE (Germany)

Dimensions

Length of cable 100 m

General data

Number of positions 8

Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps

Cable

Cable type Ethernet drag chain CAT5

Cable type (abbreviation) 94C

UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps

Cable structure 4x2xAWG26/19; S/UTP

Conductor cross section 4x 2x 0.14 mm²

AWG signal line 26

Conductor structure signal line 19x 0.10 mm

Core diameter including insulation 1 mm

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

Twisted pairs 2 cores to the pair

Overall twist Four pairs and four fillers to the core

Shielding Tinned copper braided shield

Optical shield covering 90 %

External sheath, color water blue RAL 5021

Outer sheath thickness 0.85 mm

External cable diameter D 6.9 mm +0.1 mm ... 0.2 mm

Minimum bending radius, fixed installation 4 x D

Minimum bending radius, flexible installation 8 x D

Number of bending cycles 5000000

Minimum bending radius, drag chain applications 7,5 x D

Traversing rate 3 m/s

Acceleration 5 m/s²

Tensile strength GRP ≤ 100 N

Cable weight 57 kg/km

Outer sheath, material PUR

Material conductor insulation PP

Conductor material Bare Cu litz wires

Insulation resistance ≥ 500 MΩ*km

Loop resistance ≤ 290.00 Ω/km

Cable cap...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-94C-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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