

INDUSTRIAL COMPONENT DATA

VS-OE-OE-94A-100,0 1416305 PHOENIX CONTACT Network cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-94A-100,0
Catalog number	1416305
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-6E4F1B5267
Generated	2026-08-01

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)**

Additional Product Information

Key Commercial Data

Orderkey 1416305

Packing unit 1 pc

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GTIN 4046356473545

Weight per Piece (excluding packing) 5.070 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 (IEC 11801), 1 Gbps

Cable

Cable type Ethernet
Cable type (abbreviation) 94A
UL AWM style 20549 (80°C/300 V)
Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps
Cable structure 4x2xAWG24/1; SF/UTP
Conductor cross section 4x 2x 0.25 mm²
AWG signal line 24
Conductor structure signal line 1x 0.50 mm
Core diameter including insulation 1.1 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 for core
Shielding Aluminum-lined polyester foil, tinned copper braided shield
Optical shield covering 85 %
External sheath, color water blue RAL 5021
Outer sheath thickness 0.4 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 (for installation)
Tensile strength GRP 80 N
Outer sheath, material PUR
Material conductor insulation PE
Conductor material Bare Cu wire
Insulation resistance $\geq 5 \text{ G}\cdot\text{km}$
Conductor resistance $< 93.8 \text{ }\Omega/\text{km}$
Cable capacity $< 56 \text{ nF/km}$
 $< 1600 \text{ pF/km}$ (Pair-Ground)
Signal speed 0.6 c
Signal runtime 5.7 ns/m
Nominal voltage, cable 72 V DC
300 V AC (in acc. with UL)
Test volt...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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