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-6BEF076DE6 |
| Generated | 2026-11-18 |

## 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Key Commercial Data
Orderkey 1416305
Packing unit 1 pc
Catalog page Page 397 (C-2-2017)
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 >= 5 G?*km
Conductor resistance < 93.8 ?/km
Cable capacity < 56 nF/km
< 1600 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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