INDUSTRIAL COMPONENT DATA

VS-OE-OE-94E-100,0 1416350 PHOENIX CONTACT Network cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-94E-100,0
Catalog number	1416350
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-45F73D8356
Generated	2026-11-18

Product Overview

Network cable
Network cable, CAT7 Ethernet (10 GBit/s), 8-pole halogen-free, 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 1416350
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 397 (C-2-2017)
GTIN 4046356474405
Weight per Piece (excluding packing) 6,572.000 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 CAT7, 10 Gbps
Cable
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 c
Signal runtime 5.7 ns/m
Cable impedance....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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