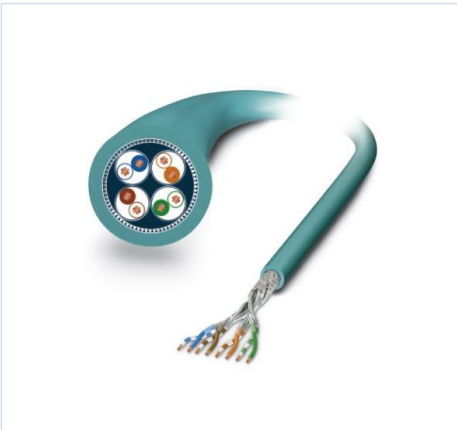


INDUSTRIAL COMPONENT DATA

VS-OE-OE-94F-100,0 1416347 PHOENIX CONTACT Network cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-94F-100,0
Catalog number	1416347
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-659FF0A5A6
Generated	2026-08-02

Product Overview

Network cable

Network cable, CAT6A 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)
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Additional Product Information

Key Commercial Data

Orderkey 1416347

Packing unit 1 pc

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GTIN 4046356474832

Weight per Piece (excluding packing) 3,954.000 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 CAT6A, 10 Gbps

Cable

Cable type Ethernet 10 Gbit

Cable type (abbreviation) 94F

UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT6A, 10 Gbps

Cable structure 4x2xAWG26/7; S/FTP

Conductor cross section 4x 2x 0.14 mm²

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 1.04 mm

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

Twisted pairs 2 cores to the pair

Type of pair shielding Aluminum-lined foil

Overall twist 4 pairs for core

Shielding Tinned copper braided shield

Optical shield covering 70 %

External sheath, color water blue RAL 5021

Outer sheath thickness 0.65 mm

External cable diameter D 6.4 mm ±0.2 mm

Minimum bending radius, fixed installation 4 x D

Minimum bending radius, flexible installation 8 x D

Tensile strength GRP ≤ 100 N

Cable weight 42 kg/km

Outer sheath, material PUR

Material conductor insulation Foamed PE

Conductor material Bare Cu litz wires

Insulation resistance ≥ 500 MΩ·km

Loop resistance ≤ 290.00 Ω/km

Cable capacity 47 nF/km

Wave impedance 100 Ω ±5 Ω (at 100 MHz)

Near end crosstalk attenuation (NEXT) 75.3 dB (with 1 MHz)

66.3 dB (at 4 MHz)

61.8 dB (a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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