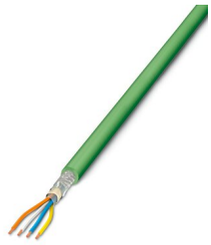
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Network cable - VS-OE-OE-93A-100,0

1416392

https://www.phoenixcontact.com/gb/products/1416392

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Network cable, PROFINET CAT5 (100 Mbps), 4-position, shielded, free cable end, on free cable end, cable length: 100 m

Commercial Data

Item number	1416392
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	BF1LFA
Product Key	BF1LFA
Catalog Page	Page 392 (C-2-2019)
GTIN	4046356474313
Weight per Piece (including packing)	6,094 g
Weight per Piece (excluding packing)	6,094 g
Customs tariff number	85444290
Country of origin	DE

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Technical Data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 9.1.1 Balanced Cables (Type A,B,C)

Product properties

Product type	Data cable by the meter
Number of positions	4
Shielded	yes

Electrical properties

Transmission medium	Copper

Interfaces

Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps

Connector

Connection 1

Type	free cable end

Connection 2

Type	free cable end

Cable / line

Cable length	100 m
UL AWM Style	2464 (80°C/300 V)
Number of positions	4
Shielded	yes
Cable type	PROFINET [93A]
Signal runtime	5.3 ns/m
Signal speed	0.68 c
Conductor structure signal line	1x 0.65 mm
AWG signal line	22
Conductor cross section	4x 0.34 mm²
Wire diameter incl. insulation	1.5 mm ±0.05 mm
External cable diameter	6.5 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	green-yellow RAL 6018
Conductor material	Tin-plated Cu wire
Material wire insulation	PE
Single wire, color	White, yellow, blue, orange
Overall twist	Star quad

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Optical shield covering	90 %
Max. conductor resistance	≤ 57.1 Ω/km
Coupling resistance	< 10.00 mΩ/m (at 10 MHz)
Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)
Nominal voltage, cable	300 V
Test voltage Core/Core	2500 V DC
Test voltage Core/Shield	2500 V DC
Flame resistance	According to VW-1
Resistance to oil	according to IEC 60811-2-1
Ambient temperature (operation)	-25 °C ... 80 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps

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Approvals

EAC
Approval ID: RU D-DE.HB35.B.00385

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Classifications

ECLASS

ECLASS-9.0	27061801
ECLASS-10.0.1	27060390
ECLASS-11.0	27061801

ETIM

ETIM 8.0	EC003249

UNSPSC

UNSPSC 21.0	26121600

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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Stripping tool

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

https://www.phoenixcontact.com/gb/products/1657407

Stripping tool, for the multi-level stripping of shielded cables



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