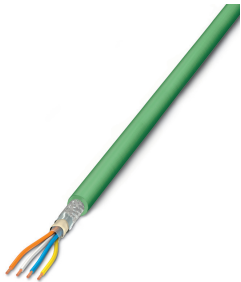


Network cable - VS-OE-OE-93A-100,0 - 1416392

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Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green-yellow RAL 6018, shielded, free cable end, on free cable end, cable length: 100 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 474313
GTIN	4046356474313
Weight per Piece (excluding packing)	6,620.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	100 m
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General data

Note	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)
Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps
Transmission characteristics (category)	CAT5
Transmission speed	100 Mbps

Cable

Network cable - VS-OE-OE-93A-100,0 - 1416392

Technical data

Cable

Cable type	PROFINET
Cable type (abbreviation)	93A
UL AWM style	2464 (80°C/300 V)
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps
Cable structure	1x4xAWG22/1; SF/TQ
Conductor cross section	4x 0.34 mm²
AWG signal line	22
Conductor structure signal line	1x 0.65 mm
Core diameter including insulation	1.5 mm ±0.05 mm
Wire colors	White, yellow, blue, orange
Overall twist	Star quad
Shielding	SF/TQ
Optical shield covering	90 %
External sheath, color	green-yellow RAL 6018
External cable diameter D	6.5 mm ±0.2 mm
Outer sheath, material	PVC
Material conductor insulation	PE
Conductor material	Tin-plated Cu wire
Conductor resistance	≤ 57.1 Ω/km
Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)
Signal speed	0.68 c
Signal runtime	5.3 ns/m
Coupling resistance	< 10.00 mΩ/m (at 10 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
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Shielded	yes

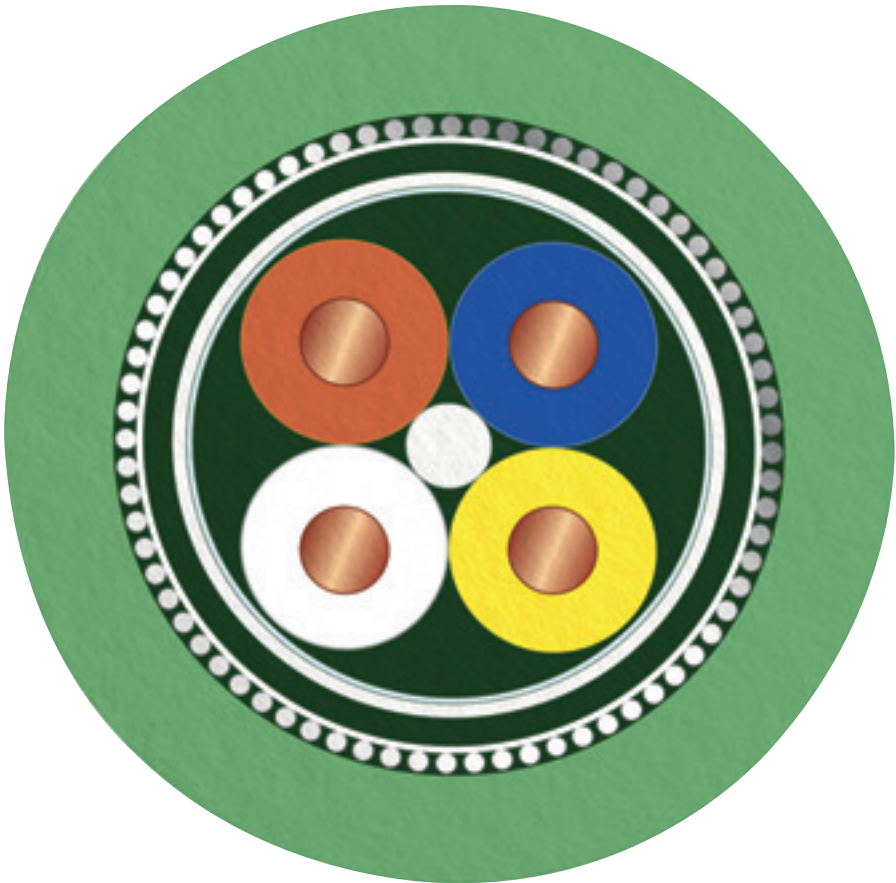
Environmental Product Compliance

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

Drawings

Network cable - VS-OE-OE-93A-100,0 - 1416392

Cable cross section



PROFINET [93A]

Classifications

eCl@ss

eCl@ss 10.0.1	27060390
eCl@ss 11.0	27061801
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061801
eCl@ss 9.0	27061801

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Classifications

ETIM

ETIM 3.0	EC000830
ETIM 4.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	26121604
UNSPSC 18.0	26121604
UNSPSC 19.0	26121604
UNSPSC 20.0	26121604
UNSPSC 21.0	26121604

Approvals

Approvals

Approvals

EAC-RoHS

Ex Approvals

Approval details

EAC-RoHS		RU D- DE.HB35.B.00385
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Accessories

Accessories

Network cable - VS-OE-OE-93A-100,0 - 1416392

Accessories

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



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