Extract from the online catalog

VS-04-C-SDA/SDB/1,8

Order No.: 1405578

http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1405578

USB cable, with USB connectors at both ends, assembled connector type: A on B, length:1.8 m

Commercial data	
EAN	4 046356 460590
sales group	D532
Pack	1 Pcs.
Customs tariff	85444290
Gross weight in pieces	0.0585 KG
Net weight per piece	0.058 KG
Catalog page information	Page 205 (C-2-2013)

Product notes

WEEE/RoHS-compliant since: 10/15/2008

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Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Mechanical characteristics

Number of positions	4
Length of cable	1.8 m

Electrical characteristics

Transmission characteristics (category)	USB 2.0

Line characteristics

Cable type	FireWire
Cable structure	2x2xAWG26/7 + 2xAWG20/19; S/FTP
Conductor cross section	2x 2x 0.14 mm² (signal line)
	2x 0.5 mm² (Power supply)
AWG signal line	26
Conductor structure signal line	7x 0.15 mm
AWG power supply	20
Conductor structure, voltage supply	19x 0.20 mm
Core diameter including insulation	≤ 1.05 mm (signal line)
	nom. 1.4 mm (Power supply)
External cable diameter	6.7 mm
Wire colors	White-blue, white-orange, white, black
External sheath, color	water blue RAL 5021
Insulation resistance	5 GΩ*km
Conductor resistance	150 Ω/km
Transmission characteristics (category)	CAT7, for USB 2.0 (480 Mbps)
Working capacitance	42 pF (per meter)
Wave impedance	100 Ω ±5 % (at 100 MHz)
Signal speed	0.72 c
Signal runtime	4.6 ns/m
Shield attenuation	60 dB (Up to 1000 MHz)
Interference suppression	90 dB (Up to 1000 MHz)
Coupling resistance	5.00 mΩ/m (At 10 MHz)
Nominal voltage, cable	≤ 125 V
Test voltage, cable	1000 V
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	Two pairs and two power supply wires to the core
Shielding	Tinned copper braided shield
Outer sheath, material	PUR
Material conductor insulation	Cell PE (signal line)
	PVC (Power supply)
Conductor material	Bare Cu litz wires
Cable weight	59 kg/km
Minimum bending radius, fixed installation	5 x D

Minimum bending radius, flexible installation	5 x D
Tensile strength short-term/long-term	≤ 30 N
Special properties	Free of substances which would hinder coating with paint or varnish
Flame resistance	complying with IEC 60332-2-2
Resistance to oil	according to EN 60811-2-1
Other resistance	Microbe resistance as per DIN VDE 0282
	Hydrolysis resistance as per DIN 53504
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (cable, flexible installation)

Certificates / Approvals

Certification

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
General		
1653744	VS-A-F-IP67	Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: gray
Panel mounting frame		
1653838	VS-04-BUA-BUB-F/IP67	USB socket insert, 4-pos., socket USB type A on socket USB type B, for the Freenet system in the panel mounting frame, IP20 terminal outlet, 19" patch panel and service interface, pluggable from both directions
Protective covers		
1652606	VS-08-SD-F	Protective cover, IP67, flat design, to cover the contact insert in the panel mounting frame, color: gray

Address

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