Patch cable - VS-04-2X2X26C7/7-SDA/SDA/3,5 - 1563151

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Assembled USB cable, shielded, color: RAL 5021 (water blue), PUR outer sheath, USB type A/standard on USB type A/standard, length: 3.5 m

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	4 046356 302531
GTIN	4046356302531

Technical data

Mechanical characteristics

Number of positions	4
Shielded	yes
Insertion/withdrawal cycles	≥ 500
Cable diameter	6.70 mm
Cable structure	2x2xAWG26/7 + 2xAWG20/19; S/FTP
Degree of protection	IP20

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
	0 °C ... 50 °C (cable, flexible installation)
	Plug / socket
Degree of protection	IP20

Material data

Housing material	PA
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021

Patch cable - VS-04-2X2X26C7/7-SDA/SDA/3,5 - 1563151

Technical data

Electrical characteristics

Rated voltage (III/3)	125 V
Rated current	1 A
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

Patch cable - VS-04-2X2X26C7/7-SDA/SDA/3,5 - 1563151

Technical data

Line characteristics

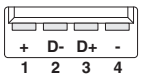
Special properties	Free of substances which would hinder coating with paint or varnish
Flame resistance	complying with IEC 60332-2-2
Resistance to oil	according to EN 60811-2-1
Other resistance	Microbe resistance as per DIN VDE 0282
	Hydrolysis resistance as per DIN 53504
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (cable, flexible installation)

Environmental Product Compliance

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

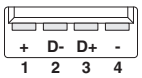
Drawings

Schematic diagram



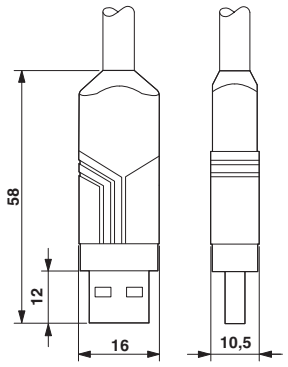
Pin assignment plug USB, type A

Schematic diagram



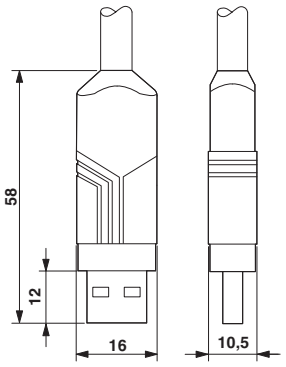
Pin assignment plug USB, type A

Dimensional drawing



USB connector, type A, Standard

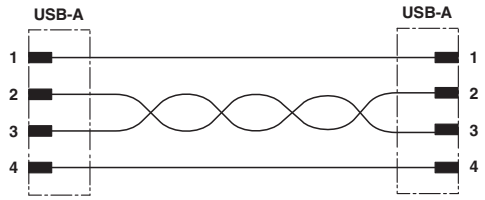
Dimensional drawing



USB connector, type A, Standard

Patch cable - VS-04-2X2X26C7/7-SDA/SDA/3,5 - 1563151

Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.01742

Phoenix Contact 2018 © - all rights reserved
http://www.phoenixcontact.com

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com