VS-04-2X2X26C7/7-SDA/OE/1,0 - USB cable

1655771

https://www.phoenixcontact.com/gb/products/1655771

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 documentation. Our general terms of use for downloads are valid.

Assembled USB cable, shielded, color: RAL 5021 (water blue), PUR outer sheath, USB type A/standard on open cable end, length: 1 m

Commercial data

Item number	1655771
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABNDBA
Product key	ABNDBA
GTIN	4017918993863
Weight per piece (including packing)	74.7 g
Weight per piece (excluding packing)	57.75 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Product properties

Product type	Data cable preassembled
Sensor type	USB 2.0
Number of positions	4
Shielded	yes

Insulation characteristics

Degree of pollution	2

Electrical properties

Rated voltage (III/3)	125 V
Rated current	1 A
Transmission medium	Copper
Transmission speed	480 Mbps
Transmission characteristics (category)	USB 2.0
Transmission speed	480 Mbps
Wave impedance	100 Ω

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

Material specifications

Housing material	PA
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires

Connector

Connection 1

Type	Plug straight USB type A
Degree of protection	IP20

Connection 2

Type	free cable end

Cable/line

Cable length	1.00 m

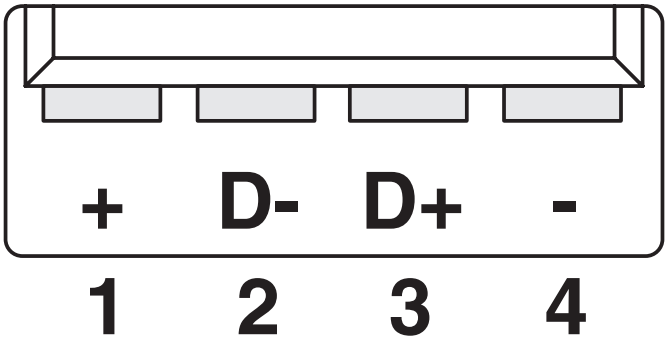
FireWire [980]

Cable weight	59 kg/km
Number of positions	6
Shielded	yes

Cable type	FireWire [980]
Conductor structure	2x2xAWG26/7 + 2xAWG20/19, S/FTP
Signal runtime	4.6 ns/m
Signal speed	0.72 c
Conductor structure signal line	7x 0.15 mm
AWG signal line	26
Conductor structure, voltage supply	19x 0.20 mm
AWG power supply	20
Conductor cross-section	2x 2x 0.14 mm² (Signal line)
	2x 0.5 mm² (Power supply)
Wire diameter incl. insulation	≤ 1.05 mm (Signal line)
	nom. 1.4 mm (Power supply)
External cable diameter	6.70 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Material wire insulation	Cell PE (Signal line)
	PVC (Power supply)
Single wire, color	white-blue, white-orange, white, black
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
Max. conductor resistance	150 Ω/km
Insulation resistance	5 GΩ*km
Coupling resistance	5.00 mΩ/m (at 10 MHz)
Wave impedance	100 Ω ±5 % (at 100 MHz)
Working capacitance	42 pF (per meter)
Nominal voltage, cable	≤ 125 V
Test voltage	1000 V
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	5 x D
Smallest bending radius, fixed installation	34 mm
Smallest bending radius, movable installation	34 mm
Tensile strength	≤ 30 N
Shield attenuation	60.00 dB (up to 1000 MHz)
Flame resistance	complying with IEC 60332-2-2
Resistance to oil	in accordance with EN 60811-2-1
Other resistance	Microbe resistance as per DIN VDE 0282
	Hydrolysis resistance as per DIN 53504
Special properties	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-10 °C ... 50 °C (Cable, flexible installation)

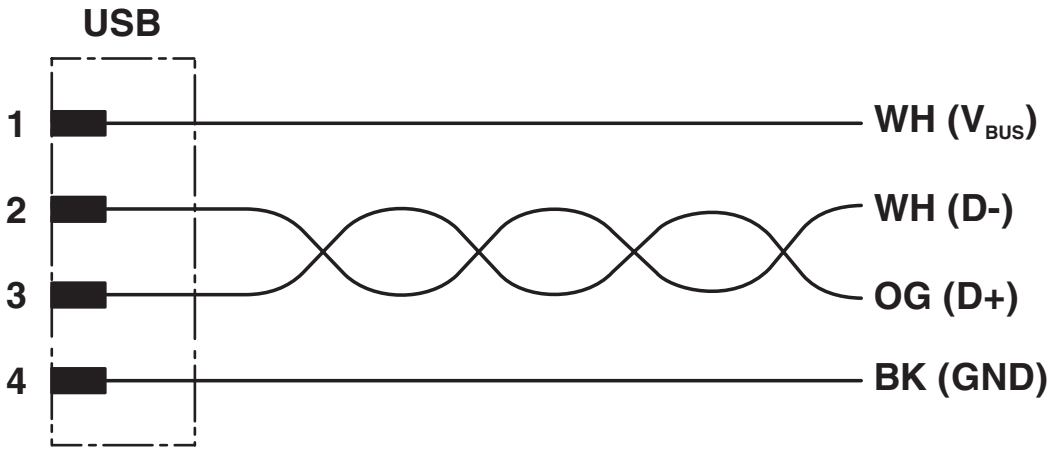
Drawings

Schematic diagram



Pin assignment plug USB, type A

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1655771

EAC
Approval ID: 19060508

Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060328

ETIM

ETIM 10.0	EC001855

UNSPSC

UNSPSC 21.0	26121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk