

Patch cable - VS-04-2X2X26C7/7-SDA/OE/5,0 - 1655797

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Assembled USB cable, shielded, color: RAL 5021 (water blue), PUR outer sheath, USB type A/standard on open cable end, length: 5 m

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 993887
GTIN	4017918993887
Weight per Piece (excluding packing)	337.500 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	5.00 m
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Ambient conditions

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

General data

Number of positions	4
Degree of pollution	2
Alternative short product description	USB cable

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Technical data

General data

Rated voltage (III/3)	125 V
Housing material	PA

Cable

Cable type	FireWire
Cable type (abbreviation)	980
Signal type/category	USB CAT7, 480 Mbps
	FireWire CAT7, 400 Mbps
Cable structure	2x2xAWG26/7 + 2xAWG20/19; S/FTP
Conductor cross section	2x 2x 0.14 mm ² (Signal line)
	2x 0.5 mm ² (Power supply)
AWG signal line	26
AWG power supply	20
Conductor structure signal line	7x 0.15 mm
Conductor structure, voltage supply	19x 0.20 mm
Core diameter including insulation	≤ 1.05 mm (Signal line)
	nom. 1.4 mm (Power supply)
Wire colors	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
Shielding	Tinned copper braided shield
External sheath, color	water blue RAL 5021
External cable diameter D	6.7 mm
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	5 x D
Tensile strength GRP	≤ 30 N
Cable weight	59 kg/km
Outer sheath, material	PUR
Material conductor insulation	Cell PE (Signal line)
	PVC (Power supply)
Conductor material	Bare Cu litz wires
Insulation resistance	5 GΩ*km
Conductor resistance	150 Ω/km
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

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Cable

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
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)

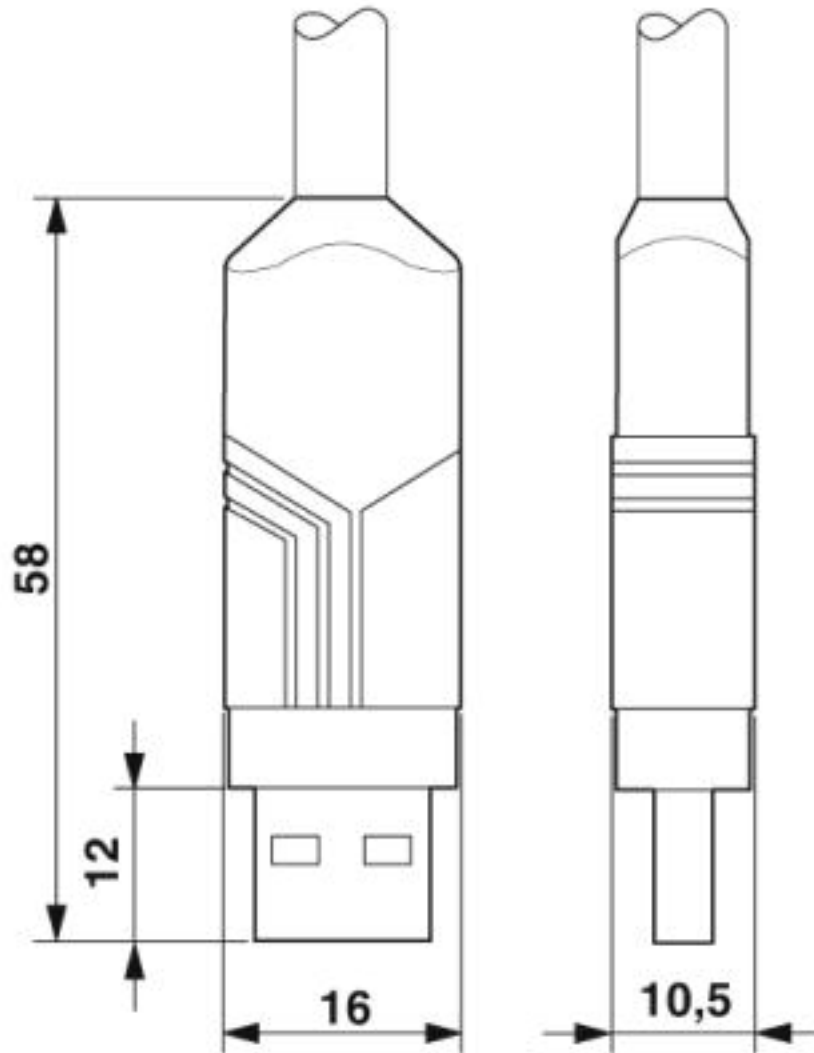
Environmental Product Compliance

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

Drawings

Patch cable - VS-04-2X2X26C7/7-SDA/OE/5,0 - 1655797

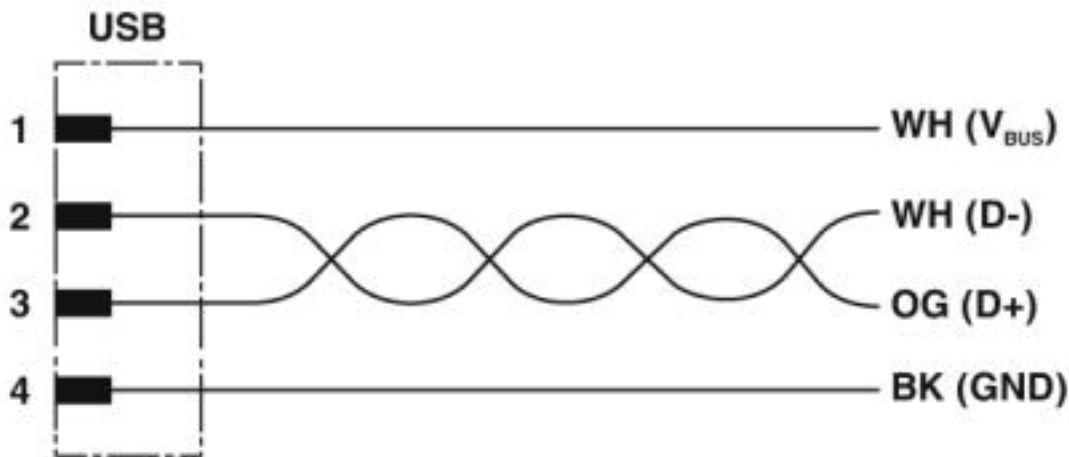
Dimensional drawing



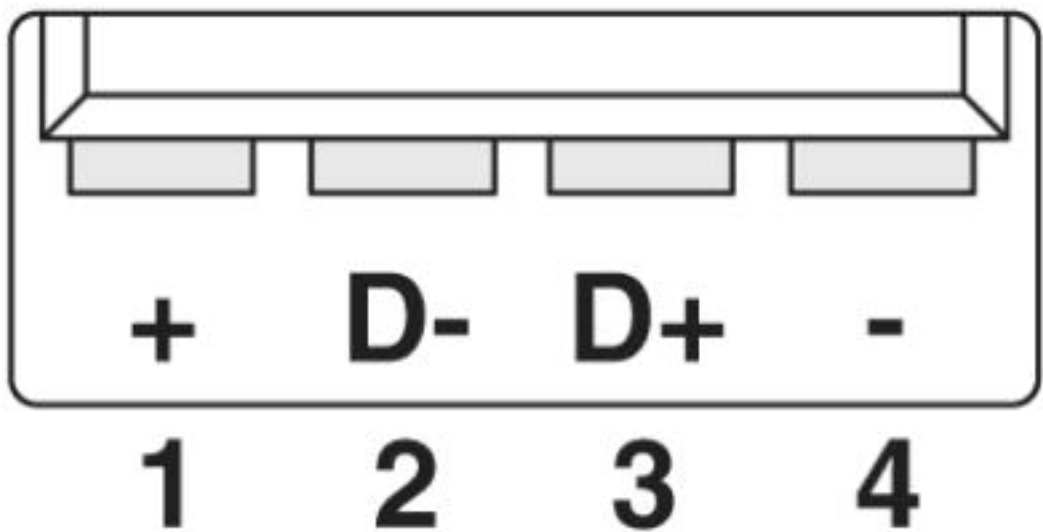
USB connector, type A, Standard

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Circuit diagram



Schematic diagram



Pin assignment plug USB, type A

Classifications

eCl@ss

eCl@ss 10.0.1	27060390
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300

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Classifications

eCl@ss

eCl@ss 5.1	19030300
eCl@ss 6.0	27060300
eCl@ss 7.0	27060390
eCl@ss 8.0	27060390
eCl@ss 9.0	27060390

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001408
ETIM 6.0	EC000748
ETIM 7.0	EC000748

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	26121604

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.00767
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