

VS-04-2X2X26C7/7-67A/67B/1,0 - Patch cable



1562453

<https://www.phoenixcontact.com/pc/products/1562453>

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/IP67 on USB type B/IP67, length: 1 m

Commercial data

Item number	1562453
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	ABNDBA
GTIN	4046356293549
Weight per piece (including packing)	121.3 g
Weight per piece (excluding packing)	95.506 g
Customs tariff number	85444290
Country of origin	DE

VS-04-2X2X26C7/7-67A/67B/1,0 - Patch cable



1562453

<https://www.phoenixcontact.com/pc/products/1562453>

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

Transmission characteristics (category)	USB 2.0
Wave impedance	100 Ω

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	------------

Material specifications

Seal material	NBR
Housing material	PA
O-ring material	FPM
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires

Cable/line

FireWire [980]

Shielded	yes
Cable weight	59 kg/km
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
External cable diameter	6.70 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.15 mm
AWG signal line	26
Conductor structure, voltage supply	19x 0.20 mm
Conductor cross section	2x 2x 0.14 mm ² (Signal line)

VS-04-2X2X26C7/7-67A/67B/1,0 - Patch cable



1562453

<https://www.phoenixcontact.com/pc/products/1562453>

AWG power supply	20
Material wire insulation	Cell PE (Signal line)
	PVC (Power supply)
Wire diameter incl. insulation	≤ 1.05 mm (Signal line)
	nom. 1.4 mm (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
Shielding	Tinned copper braided shield
Nominal voltage, cable	≤ 125 V
Test voltage, cable	1000 V
Cable resistance	150 Ω/km
Cable 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)
Signal runtime	4.6 ns/m
Signal speed	0.72 c
Interference suppression	90.00 dB (up to 1000 MHz)
Tensile strength	≤ 30 N
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	5 x D
Shield attenuation	60.00 dB (up to 1000 MHz)
Resistance to oil	in accordance with EN 60811-2-1
Flame resistance	complying with IEC 60332-2-2
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)	-10 °C ... 50 °C (Cable, flexible installation)
	-40 °C ... 70 °C (cable, fixed installation)

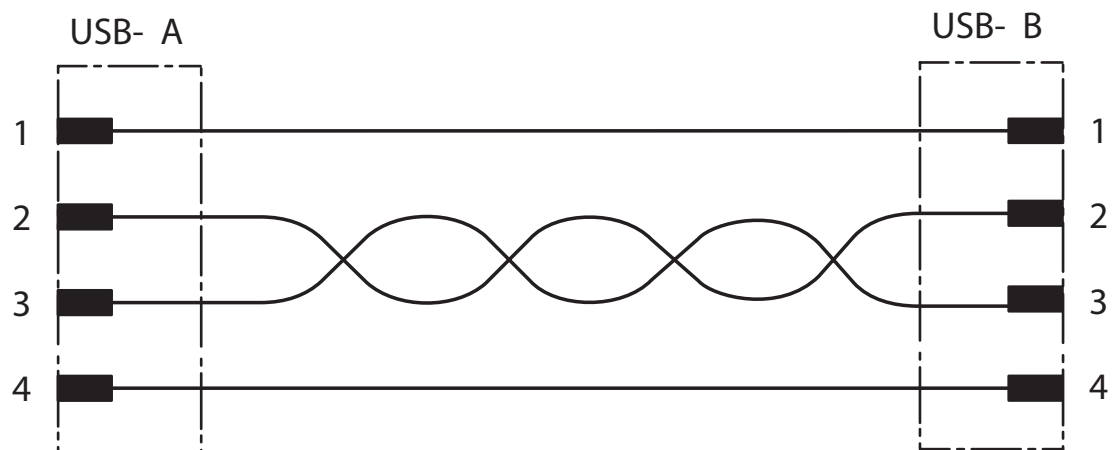
Environmental and real-life conditions

Ambient conditions

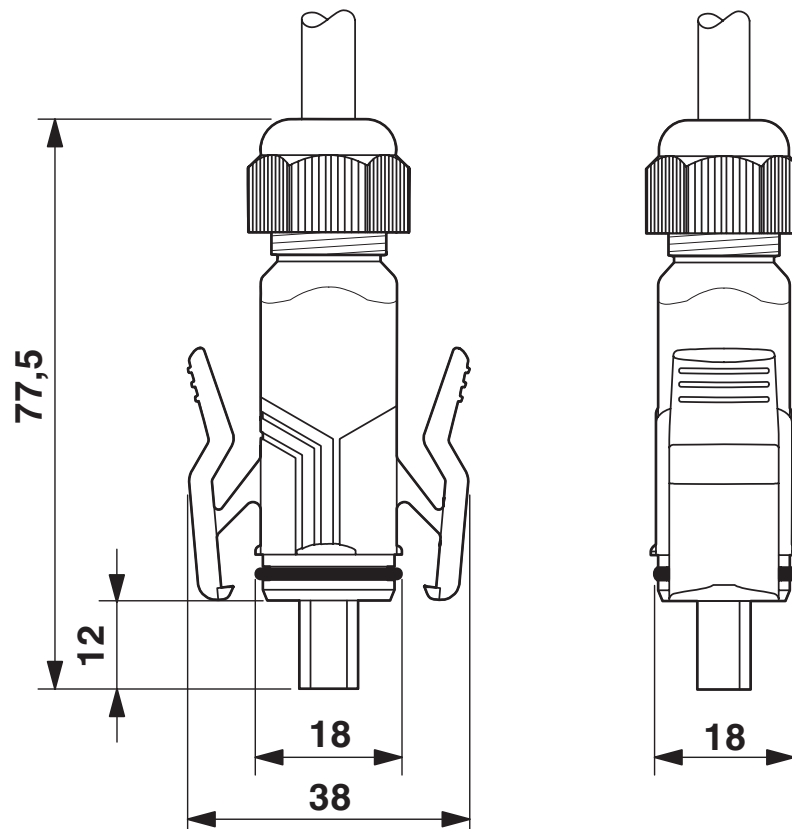
Degree of protection	IP67
	IP67
Ambient temperature (operation)	-20 °C ... 60 °C (cable, fixed installation)
	0 °C ... 50 °C (Cable, flexible installation)
	Plug / socket

Drawings

Circuit diagram

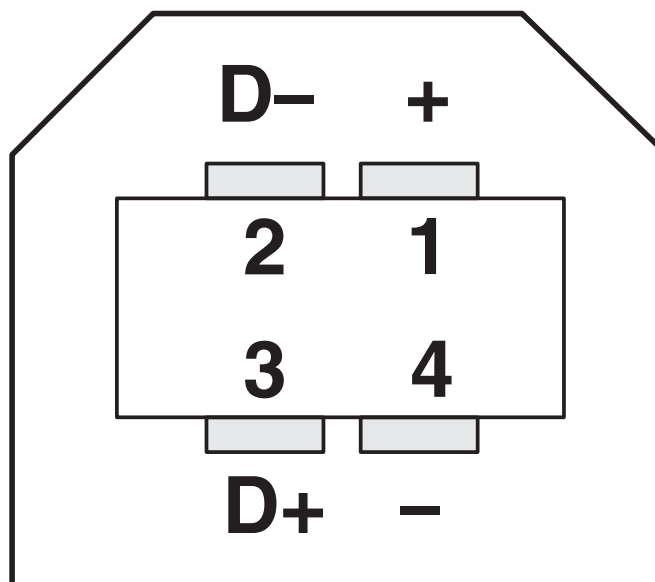


Dimensional drawing



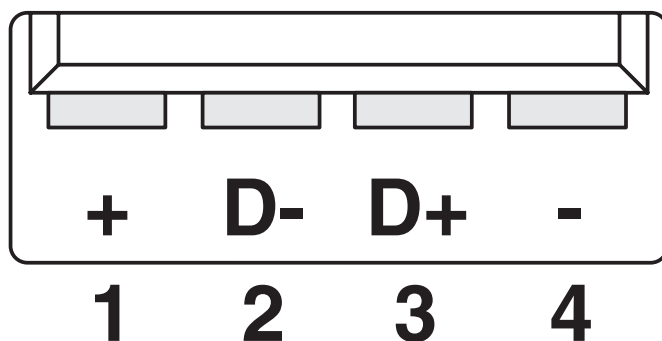
USB connector, type B, standard

Schematic diagram



Plug pin assignment plug USB, type B

Schematic diagram



Pin assignment plug USB, type A

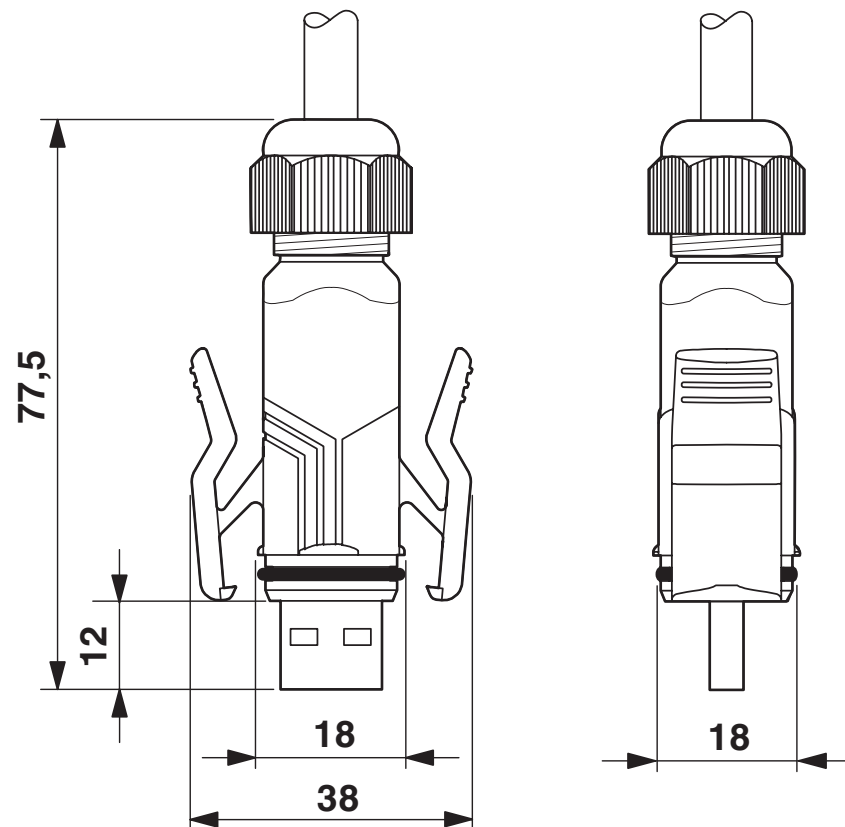
VS-04-2X2X26C7/7-67A/67B/1,0 - Patch cable

1562453

<https://www.phoenixcontact.com/pc/products/1562453>



Dimensional drawing



USB connector, type A, IP67

VS-04-2X2X26C7/7-67A/67B/1,0 - Patch cable



1562453

<https://www.phoenixcontact.com/pc/products/1562453>

Classifications

ECLASS

ECLASS-11.0	27060390
ECLASS-12.0	27060390
ECLASS-13.0	27060390

ETIM

ETIM 9.0	EC000748
----------	----------

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.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)

VS-04-2X2X26C7/7-67A/67B/1,0 - Patch cable



1562453

<https://www.phoenixcontact.com/pc/products/1562453>

Accessories

VS-SCRJ-PC - Protective cover

1653757

<https://www.phoenixcontact.com/pc/products/1653757>



IP67 protective cover, for covering the male inserts in the sleeve housings IP67, VS-SC-RJ-..., VS-04-..., VS-06-... and VS-08-...

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com