

VS-FSDB-IP20SDA/981/1,0 SCO - Patch cable



1420168

<https://www.phoenixcontact.com/us/products/1420168>

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: black, PVC outer sheath, USB mini-B/IP20 on USB type A/IP20, length: 1 m

Commercial data

Item number	1420168
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF04
Product key	BF1CPA
Catalog page	Page 452 (C-2-2019)
GTIN	4046356548595
Weight per piece (including packing)	69 g
Weight per piece (excluding packing)	68.1 g
Customs tariff number	85444290
Country of origin	PL

VS-FSDB-IP20SDA/981/1,0 SCO - Patch cable



1420168

<https://www.phoenixcontact.com/us/products/1420168>

Technical data

Notes

Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
---------	--

Product properties

Product type	Data cable preassembled
Number of positions	4
Application	Standard
Shielded	yes

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	1 A
Transmission medium	Copper
Transmission characteristics (category)	USB 2.0

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
-----------------------------	------------

Material specifications

Flammability rating according to UL 94	V0
--	----

Connection data

Pin assignment

Contact Color (signal designation) Contact (optional)	1 (M12 mini B) RD (+5 V) 1 (USB type A)
	2 (M12 mini B) WH (DATA-) 2 (USB type A)
	3 (M12 mini B) GN (DATA+) 3 (USB type A)
	4 (M12 mini B) N.C.
	5 (M12 mini B) BK (GND) 4 (USB type A)

Connector

Connection 1

Type	Plug straight USB type A / IP20
Degree of protection	IP20

Connection 2

Type	Socket straight M12 mini B / IP65
Material	Cu alloy

VS-FSDB-IP20SDA/981/1,0 SCO - Patch cable



1420168

<https://www.phoenixcontact.com/us/products/1420168>

	Ni/Au
Degree of protection	IP65

Cable/line

Cable length	1 m
External sheath, color	Black
Ambient temperature (operation)	-25 °C ... 80 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20 (USB type A)
	IP65 (M12 mini B)
Ambient temperature (operation)	-25 °C ... 80 °C (Cable, flexible installation)

VS-FSDB-IP20SDA/981/1,0 SCO - Patch cable



1420168

<https://www.phoenixcontact.com/us/products/1420168>

Classifications

ECLASS

ECLASS-11.0	27060307
ECLASS-12.0	27060307
ECLASS-13.0	27060307

ETIM

ETIM 9.0	EC001855
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

VS-FSDB-IP20SDA/981/1,0 SCO - Patch cable



1420168

<https://www.phoenixcontact.com/us/products/1420168>

Environmental product compliance

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

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

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com