NBC-USB3.1-UCM/1,0-PVC/UCM - USB cable

1333197

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USB cable, design: USB-C, degree of protection: IP20, cable length: 1 m, number of positions: 24, 10 Gbps, cable outlet: straight, USB 3.2 Gen. 1

Your advantages

- High-speed data transmission up to 10 Gbps
- Minimal space requirements thanks to USB-C connectors
- Reliable data transmission thanks to 100 % testing

Commercial data

Item number	1333197
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
Product key	ABNDBB
GTIN	4063151630645
Weight per piece (including packing)	51 g
Weight per piece (excluding packing)	51 g
Customs tariff number	85444290
Country of origin	CN

Technical data

Product properties

Product type	Data cable preassembled
Type	USB-C
Sensor type	USB 3.2 Gen. 1
Number of positions	24
Connection profile	USB-C
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Interfaces

Transmission speed	10 Gbps

Electrical properties

Rated current	5 A
Insulation resistance	10 MΩ
Test voltage	300 V AC
	300 V AC
Test voltage Core/Core	300 V AC
Test voltage Core/Shield	300.00 V AC
Contact resistance	< 40 mΩ
Transmission characteristics (category)	USB 3.2 Gen 1
Transmission speed	10 Gbps

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 10000
Insertion force per signal contact	< 20.00 N
Extraction force per signal contact	< 8 N
Max. bending cycles	100
Smallest bending radius	3,7xD

Material specifications

Color of the housing part	black
Outer sheath, material	PVC
Conductor material	Cu

Dimensions

Width	12.1 mm

Height	6.4 mm
Length	42.85 mm

Connector

Connection 1

Type	Plug straight USB type C
Shielded	yes
Insertion/withdrawal cycles	10000
Insulation resistance	10 MΩ
Overvoltage category	I
Degree of pollution	2
Degree of protection	IP20

Connection 2

Type	Plug straight USB type C
Shielded	yes
Insertion/withdrawal cycles	10000
Insulation resistance	10 MΩ
Degree of pollution	2
Degree of protection	IP20

Cable/line

Cable length	1.00 m

PVC USB 3.1 black [USB]

Shielded	yes
Cable type	PVC USB 3.1 black
Cable type (abbreviation)	USB
External cable diameter	5.00 mm
Outer sheath, material	PVC
External sheath, color	black
Shielding	Aluminum-lined foil

Environmental and real-life conditions

Test specification

Cold stress	-40 °C/96 h
Thermal stress	85 °C/96 h
Corrosive stress	Salt spray test UL364-26
Insulation resistance, neighboring contacts	10 MΩ

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27060308

ETIM

ETIM 9.0	EC003249

UNSPSC

UNSPSC 21.0	39121400

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%

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