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USB cable, design: USB-C, degree of protection: IP20, cable length: 2 m, number of positions: 24, 5 Gbps, cable outlet: straight, USB 3.2 Gen. 1

Your advantages

- High-speed data transmission up to 5 Gbps
- Minimal space requirements thanks to USB-C connectors
- Reliable data transmission thanks to 100 % testing

Commercial data

Item number	1333213
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABNDBB
Product key	ABNDBB
GTIN	4063151631062
Weight per piece (including packing)	103.9 g
Weight per piece (excluding packing)	103.1 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

Data management status

Article revision	00
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Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Interfaces

Transmission speed	5 GBit/s
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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	5 GBit/s

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

NBC-USB3.0-UCM/2,0-PVC/UCM - USB cable



1333213

<https://www.phoenixcontact.com/gb/products/1333213>

Dimensions

Width	12.3 mm
Height	8.8 mm
Length	40.65 mm

Connector

Connection 1

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

Cable/line

Cable length	2.00 m
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PVC USB 3.0 black [USB]

Shielded	yes
Cable type	PVC USB 3.0 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 M Ω

Ambient conditions

Degree of protection	IP20
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NBC-USB3.0-UCM/2,0-PVC/UCM - USB cable



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Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

NBC-USB3.0-UCM/2,0-PVC/UCM - USB cable



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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001262
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UNSPSC

UNSPSC 21.0	39121400
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NBC-USB3.0-UCM/2,0-PVC/UCM - USB cable



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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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