

# NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable



1333166

<https://www.phoenixcontact.com/us/products/1333166>

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.



USB cable, design: USB-A, degree of protection: IP20, cable length: 1.5 m, number of positions: 9, 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	1333166
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
Product key	ABNDBB
GTIN	4063151630539
Weight per piece (including packing)	71.9 g
Weight per piece (excluding packing)	71.9 g
Customs tariff number	85444290
Country of origin	CN

# NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable



1333166

<https://www.phoenixcontact.com/us/products/1333166>

## Technical data

### Product properties

Type	USB-A
Product type	Data cable preassembled
Sensor type	USB 3.2 Gen. 1
Number of positions	9
Connection profile	USB-A
Shielded	yes
Cable outlet	straight

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Interfaces

Transmission speed	5 GBit/s
--------------------	----------

### Electrical properties

Rated current	1.5 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 V AC
Transmission characteristics (category)	USB 3.2 Gen 1
Transmission speed	5 GBit/s

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	> 1500
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	15.8 mm
Height	7.9 mm

# NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable



1333166

<https://www.phoenixcontact.com/us/products/1333166>

Length	45 mm
--------	-------

## Connector

### Connection 1

Type	Plug straight USB type C
Shielded	yes
Insertion/withdrawal cycles	1500
Insulation resistance	10 MΩ
Overvoltage category	I
Degree of pollution	2
Degree of protection	IP20
Number of positions	9
Insertion/withdrawal cycles	1500

### Connection 2

Type	Plug straight USB type C
Shielded	yes
Insertion/withdrawal cycles	1500
Insulation resistance	10 MΩ
Degree of pollution	2
Number of positions	9
Degree of protection	IP20

## Cable/line

Cable length	1.50 m
--------------	--------

### PVC USB 3.0 black [USB]

Shielded	yes
Cable type	PVC USB 3.0 black
Cable type (abbreviation)	USB
External cable diameter	5 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

# NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable



1333166

<https://www.phoenixcontact.com/us/products/1333166>

Ambient temperature (storage/transport)

-40 °C ... 85 °C

# NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable



1333166

<https://www.phoenixcontact.com/us/products/1333166>

## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC003249
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# NBC-USB3.0-UAM/1,5-PVC/UCM - USB cable



1333166

<https://www.phoenixcontact.com/us/products/1333166>

## Environmental product compliance

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

Phoenix Contact 2023 © - 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](mailto:info@phoenixcon.com)