

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



1333213

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

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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 | AB14 |
| 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 |

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Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable preassembled |
| Type | USB-C |
| Number of positions | 24 |
| Connection profile | USB-C |
| Shielded | yes |
| Cable outlet | straight |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

Interfaces

| | |
|----------------------|------------------------|
| Signal type/category | USB 3.2 Gen. 1, 5 Gbps |
| Transmission speed | 5 GBit/s |

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 speed | 5 Gbps |
| 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 |

Dimensions

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| | |
|--------|----------|
| 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 |
|--------------|--------|

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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27060307 |
| ECLASS-15.0 | 27060328 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001855 |
|-----------|----------|

UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|----------------|
| CO2e kg | 11.274 kg CO2e |
|---------|----------------|

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