

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



1333197

<https://www.phoenixcontact.com/gb/products/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                            | ABNDBB        |
| 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                |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 00 |
|------------------|----|

### 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    |

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## 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 |
|----------------------|------|

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

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001262 |
|----------|----------|

### 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%               |

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