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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
- Reliable data transmission thanks to 100 % testing

Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1333153       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB14          |
| Product key                          | ABNDBB        |
| GTIN                                 | 4063151630423 |
| Weight per piece (including packing) | 76 g          |
| Weight per piece (excluding packing) | 76 g          |
| Customs tariff number                | 85444290      |
| Country of origin                    | CN            |

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



1333153

<https://www.phoenixcontact.com/us/products/1333153>

## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Type                | USB-A                   |
| 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                | 300.00 V AC   |
| Transmission speed                      | 5 Gbps        |
| 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  | < 35.00 N |
| Extraction force per signal contact | < 10 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 |
|-------|---------|

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|        |       |
|--------|-------|
| Height | 8 mm  |
| Length | 45 mm |

## Connector

### Connection 1

|                             |                          |
|-----------------------------|--------------------------|
| Type                        | Plug straight USB type A |
| Shielded                    | yes                      |
| Insertion/withdrawal cycles | 1500                     |
| Insulation resistance       | 10 M $\Omega$            |
| Overvoltage category        | I                        |
| Degree of pollution         | 2                        |
| Degree of protection        | IP20                     |

### Connection 2

|                             |                          |
|-----------------------------|--------------------------|
| Type                        | Plug straight USB type A |
| Shielded                    | yes                      |
| Insertion/withdrawal cycles | 1500                     |
| Insulation resistance       | 10 M $\Omega$            |
| Degree of pollution         | 2                        |
| 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   | 5.00 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 $\Omega$            |

### 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 | 27060307 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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%               |

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