

# NBC-USB2.0-UAM/0,5-PVC/UAM - USB cable



1333131

<https://www.phoenixcontact.com/us/products/1333131>

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## Your advantages

- Data transmission up to 480 Mbps
- Reliable data transmission thanks to 100 % testing

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1333131       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB14          |
| Product key                          | ABNDBA        |
| GTIN                                 | 4063151630621 |
| Weight per piece (including packing) | 32.5 g        |
| Weight per piece (excluding packing) | 32.3 g        |
| Customs tariff number                | 85444290      |
| Country of origin                    | CN            |

## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Type                | USB-A                   |
| Sensor type         | USB 2.0                 |
| Number of positions | 4                       |
| Connection profile  | USB-A                   |
| Shielded            | yes                     |
| Cable outlet        | straight                |

### Insulation characteristics

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

### Interfaces

|                    |          |
|--------------------|----------|
| Transmission speed | 480 Mbps |
|--------------------|----------|

### 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                      | 480 Mbps    |
| Transmission characteristics (category) | USB 2.0     |
| Transmission speed                      | 480 Mbps    |

### 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 MΩ                    |
| 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 MΩ                    |
| Degree of pollution         | 2                        |
| Degree of protection        | IP20                     |

## Cable/line

|              |        |
|--------------|--------|
| Cable length | 0.50 m |
|--------------|--------|

### PVC USB 2.0 black [USB]

|                           |                     |
|---------------------------|---------------------|
| Shielded                  | yes                 |
| Cable type                | PVC USB 2.0 black   |
| Cable type (abbreviation) | USB                 |
| External cable diameter   | 5.50 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 |
| 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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