

# NBC-2X2X26-OE-OE-94D-100,0 SH - Cable reel



1107611

<https://www.phoenixcontact.com/us/products/1107611>

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Cable reel, 4-position, cable length: 100 m



## Commercial data

|                   |                                |
|-------------------|--------------------------------|
| Item number       | 1107611                        |
| Packing unit      | 1 pc                           |
| Note              | Made to order (non-returnable) |
| Sales key         | BF16                           |
| Product key       | BF1IIC                         |
| GTIN              | 4063151009519                  |
| Country of origin | NL                             |

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## Technical data

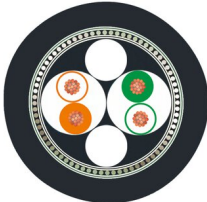
### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable by the meter |
| Number of positions | 4                       |
| Application         | Connector               |

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 100 m |
|--------------|-------|

### Ethernet [94D]

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing             |  |
| UL AWM Style                    | 2464 (80°C/300 V)                                                                   |
| Number of positions             | 4                                                                                   |
| Shielded                        | yes                                                                                 |
| Cable type                      | Ethernet [94D]                                                                      |
| Conductor structure             | 2x2xAWG26/7, SF/UTP                                                                 |
| Signal speed                    | 0.6 c                                                                               |
| Conductor structure signal line | 7x 0.16 mm                                                                          |
| AWG signal line                 | 26                                                                                  |
| Conductor cross section         | 4x 2x 0.14 mm <sup>2</sup>                                                          |
| Wire diameter incl. insulation  | 0.98 mm ±0.05 mm                                                                    |
| External cable diameter         | 6 mm ±0.2 mm                                                                        |
| Outer sheath, material          | PVC (reinforced) UV-resistant                                                       |
| External sheath, color          | black RAL 9005                                                                      |
| Conductor material              | Bare Cu litz wires                                                                  |
| Material wire insulation        | PP                                                                                  |
| Single wire, color              | white/orange-orange, white/green-green                                              |
| Thickness, outer sheath         | 0.8 mm                                                                              |
| Twisted pairs                   | 2 cores to the pair                                                                 |
| Overall twist                   | 2 pairs, twisted                                                                    |
| Optical shield covering         | 85 %                                                                                |
| Max. conductor resistance       | < 140 Ω/km                                                                          |
| Insulation resistance           | ≥ 5 GΩ*km                                                                           |
| Wave impedance                  | 100 Ω ±15 Ω (at 4 ... 100 MHz)                                                      |
| Cable capacity                  | < 56 nF/km                                                                          |

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|                                               |                                                 |
|-----------------------------------------------|-------------------------------------------------|
| Nominal voltage, cable                        | 72 V DC                                         |
|                                               | 300 V AC                                        |
| Test voltage Core/Core                        | 2500 V DC (2 s)                                 |
| Test voltage Core/Shield                      | 2500 V DC (2 s)                                 |
| Smallest bending radius, fixed installation   | 30 mm                                           |
| Smallest bending radius, movable installation | 60 mm                                           |
| Tensile strength                              | 80 N                                            |
| Flame resistance                              | IEC 60332-1                                     |
| Resistance to oil                             | according to IEC 60811-2-1                      |
| Other resistance                              | UV resistant According to UL 1581, Section 1200 |
| Ambient temperature (operation)               | -40 °C ... 80 °C                                |
| Ambient temperature (installation)            | 0 °C ... 50 °C                                  |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ECLASS-13.0 | 27060311 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121604 |
|-------------|----------|

Environmental product compliance

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

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## Accessories

### WIREFOX SAC - Stripping tool

1212623

<https://www.phoenixcontact.com/us/products/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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