

NBC-4X2X26-OE-OE-93D-100,0 SH - Cable reel



1107609

<https://www.phoenixcontact.com/us/products/1107609>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Cable reel, 8-position, PUR mixture halogen-free, black RAL 9005, cable length: 100 m



Commercial data

| | |
|------------------------|---------------|
| Item number | 1107609 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF16 |
| Product key | AF1IIC |
| GTIN | 4063151007669 |
| Country of origin | NL |

1107609


<https://www.phoenixcontact.com/us/products/1107609>

Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable by the meter |
| Application | Connector |
| Number of positions | 8 |

Cable/line

| | |
|---------------------------------|---|
| Cable length | 100 m |
| Dimensional drawing |  |
| UL AWM Style | 20549 (80°C/300 V) |
| Number of positions | 8 |
| Shielded | yes |
| Conductor structure | 4x2xAWG26/7, 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 ² |
| Wire diameter incl. insulation | 0.98 mm ±0.05 mm |
| External cable diameter | 6.40 mm ±0.2 mm |
| Outer sheath, material | PUR mixture halogen-free |
| External sheath, color | black RAL 9005 |
| Conductor material | Bare Cu litz wires |
| Material wire insulation | PP |
| Single wire, color | white/blue-blue, white/orange-orange, white/green-green, white/brown-brown |
| Thickness, outer sheath | 0.80 mm |
| Twisted pairs | 2 cores to the pair |
| Overall twist | 4 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 |
| Nominal voltage, cable | 72 V DC 300 V AC |

NBC-4X2X26-OE-OE-93D-100,0 SH - Cable reel



1107609

<https://www.phoenixcontact.com/us/products/1107609>

| | |
|---|--|
| Test voltage Core/Core | 2500 V DC (2 s) |
| Test voltage Core/Shield | 2500.00 V DC (2 s) |
| Smallest bending radius, fixed installation | 30 mm |
| Smallest bending radius, movable installation | 60 mm |
| Tensile strength | 80 N |
| Flame resistance | Horizontal flame test |
| Resistance to oil | according to IEC 60811-2-1 |
| Other resistance | UV resistant abrasion-resistant (DIN 53516) |
| Ambient temperature (operation) | -40 °C ... 80 °C |
| Ambient temperature (installation) | 0 °C ... 50 °C |

1107609

<https://www.phoenixcontact.com/us/products/1107609>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27060311 |
| ECLASS-15.0 | 27060311 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC001855 |
|----------|----------|

UNSPSC

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

1107609

<https://www.phoenixcontact.com/us/products/1107609>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com