

NBC-4X2X26-OE-OE-94B-100,0 SH - Cable reel



1422113

<https://www.phoenixcontact.com/us/products/1422113>

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Cable reel, 8-position, PUR halogen-free, water blue RAL 5021, cable length: 100 m



Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1422113 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF16 |
| Product key | AF1IIC |
| GTIN | 4055626325637 |
| Weight per piece (including packing) | 22.22 g |
| Weight per piece (excluding packing) | 22.22 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

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Technical data


Product properties

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

Cable/line

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

Ethernet flexible CAT5, 4-pair [94B]

| | |
|---------------------------------|---|
| Dimensional drawing |  |
| Cable weight | 47 kg/km |
| UL AWM Style | 20963 (80°C/30 V) |
| Number of positions | 8 |
| Shielded | yes |
| Cable type | Ethernet flexible CAT5, 4-pair [94B] |
| Conductor structure | 4x2xAWG26/7, SF/UTP |
| Signal runtime | 5.3 ns/m |
| 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 |
| External cable diameter | 6.40 mm ±0.2 mm |
| Outer sheath, material | PUR |
| External sheath, color | water blue RAL 5021 |
| Conductor material | Bare Cu litz wires |
| Material wire insulation | PE |
| Single wire, color | white/blue-blue, white/orange-orange, white/green-green, white/brown-brown |
| Thickness, insulation | 0.25 mm |
| Thickness, outer sheath | 1.00 mm |
| Twisted pairs | 2 cores to the pair |
| Overall twist | 4 pairs for core |
| Optical shield covering | 70 % |
| Max. conductor resistance | ≤ 290 Ω/km |
| Insulation resistance | ≥ 500 MΩ*km |

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| | |
|---|---|
| Coupling resistance | ≤ 100.00 mΩ/m (at 10 MHz) |
| Wave impedance | 100 Ω ±5 Ω (at 100 MHz) |
| Working capacitance | 48 nF (at 1 kHz) |
| Nominal voltage, cable | ≤ 100 V 300 V (Outer cable sheath) |
| Test voltage Core/Core | 700 V (50 Hz, 1 min.) |
| Test voltage Core/Shield | 700.00 V (50 Hz, 1 min.) |
| Smallest bending radius, fixed installation | 25.6 mm |
| Smallest bending radius, movable installation | 51.2 mm |
| Tensile strength | ≤ 100 N |
| Halogen-free | according to IEC 60754-1 |
| Flame resistance | IEC 60332-1-2 |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) -20 °C ... 80 °C (Cable, flexible installation) |
| Ambient temperature (installation) | -20 °C ... 80 °C |

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Approvals

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UL Recognized

Approval ID: FILE E 344675

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-15.0 | 27061801 |
| ECLASS-13.0 | 27061801 |

ETIM

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|----------|----------|
| ETIM 9.0 | EC003249 |
|----------|----------|

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Environmental product compliance

EU RoHS

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

China RoHS

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|--|--|
| 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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