

# NBC-4X2X26-OE-OE-94B-300,0 SH - Cable reel



1422114

<https://www.phoenixcontact.com/us/products/1422114>

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, cable length: 300 m



## Commercial data

Item number	1422114
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF16
Product key	BF1IIC
GTIN	4055626325644
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
Country of origin	DE

# NBC-4X2X26-OE-OE-94B-300,0 SH - Cable reel



1422114

<https://www.phoenixcontact.com/us/products/1422114>

## Technical data


### Product properties

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

### Cable/line

Cable length	300 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 mm²
Wire diameter incl. insulation	0.98 mm
External cable diameter	6.4 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 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

# NBC-4X2X26-OE-OE-94B-300,0 SH - Cable reel



1422114

<https://www.phoenixcontact.com/us/products/1422114>

Coupling resistance	$\leq 100.00 \text{ m}\Omega/\text{m}$ (at 10 MHz)
Wave impedance	$100 \text{ }\Omega \pm 5 \text{ }\Omega$ (at 100 MHz)
Working capacitance	48 nF (at 1 kHz)
Nominal voltage, cable	$\leq 100 \text{ V}$
	300 V (Outer cable sheath)
Test voltage Core/Core	700 V (50 Hz, 1 min.)
Test voltage Core/Shield	700 V (50 Hz, 1 min.)
Smallest bending radius, fixed installation	25.6 mm
Smallest bending radius, movable installation	51.2 mm
Tensile strength	$\leq 100 \text{ N}$
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

# NBC-4X2X26-OE-OE-94B-300,0 SH - Cable reel



1422114

<https://www.phoenixcontact.com/us/products/1422114>

## Approvals

📄 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422114>



**UL Recognized**

Approval ID: FILE E 344675



**EAC**

Approval ID: RU C-DE.BL08.B.00286

# NBC-4X2X26-OE-OE-94B-300,0 SH - Cable reel



1422114

<https://www.phoenixcontact.com/us/products/1422114>

## Classifications

### ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

### ETIM

ETIM 8.0	EC003249
----------	----------



1422114  
<https://www.phoenixcontact.com/us/products/1422114>

Environmental product compliance

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

Phoenix Contact 2023 © - 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](mailto:info@phoenixcon.com)