

# NBC-2X2X26-OE-OE-94D-300,0 SH - Cable reel



1107612

<https://www.phoenixcontact.com/us/products/1107612>

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, 4-position, PVC (reinforced) UV-resistant, black RAL 9005, cable length: 300 m



## Commercial data

Item number	1107612
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF16
Product key	AF1IIC
GTIN	4063151009175
Country of origin	NL

1107612

<https://www.phoenixcontact.com/us/products/1107612>

## Technical data


### Product properties

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

### Cable/line

Cable length	300 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	6.00 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	0.80 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

# NBC-2X2X26-OE-OE-94D-300,0 SH - Cable reel



1107612

<https://www.phoenixcontact.com/us/products/1107612>

Nominal voltage, cable	72 V DC
	300 V AC
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	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

1107612

<https://www.phoenixcontact.com/us/products/1107612>

## Classifications

### ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

### ETIM

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

### UNSPSC

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

1107612

<https://www.phoenixcontact.com/us/products/1107612>

## 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](mailto:info@phoenixcon.com)