

# 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, PVC (reinforced) UV-resistant, black RAL 9005, cable length: 100 m



## Commercial data

Item number	1107611
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF16
Product key	AF1IIC
GTIN	4063151009519
Country of origin	NL

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## Technical data


### Product properties

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

### Cable/line

Cable length	100 m
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### 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

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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	2500.00 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

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## Classifications

### ECLASS

ECLASS-13.0	27060311
ECLASS-15.0	27060311

### ETIM

ETIM 9.0	EC001855
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### UNSPSC

UNSPSC 21.0	26121604
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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