

NBC-2X2X24-OE-OE-93F-100,0 SH - Cable reel



1180721

<https://www.phoenixcontact.com/us/products/1180721>

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Cable reel, 4-position, cable length: 100 m



Commercial data

Item number	1180721
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF16
Product key	BF1IIC
GTIN	4063151217105
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	US

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Technical data


Product properties

Product type	Data cable by the meter
Number of positions	4

Cable/line

Cable length	100 m
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Highly flexible Ethernet CAT5e [93F]

Dimensional drawing	
UL AWM Style	2463 (80 °C / 600 V)
Number of positions	4
Shielded	yes
Cable type	Highly flexible Ethernet CAT5e [93F]
Conductor structure	2x2xAWG24/7, SF/UTP
Conductor structure signal line	7x 0.20 mm (7x32)
AWG signal line	24
Conductor cross section	2x 2x 0.2 mm ²
Wire diameter incl. insulation	1.2 mm
External cable diameter	6.7 mm ±0.25 mm
Outer sheath, material	TPE
External sheath, color	Teal
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PE
Single wire, color	white/orange-orange, white/green-green
Twisted pairs	2 cores to the pair
Overall twist	2 pairs to the core
Optical shield covering	75 %
Wave impedance	100 Ω ±15 Ω (at 100 MHz)
Cable impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)
Nominal voltage, cable	600 V
Test voltage	2000 V
Max. bending cycles	1000000 20000000 (126 cycles/min. @ 20°C)
Torsion force	360 °/m (1 lb. load)

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Torsion cycles	3000000
Torsional frequency	71 (cycles/min)
Ambient temperature (operation)	20 °C
Near end crosstalk attenuation (NEXT)	50 dB (with 100 MHz (IEC 62153-4-9))
Return attenuation (RL)	20 dB (at 10 MHz (+6LOG))
	26 dB (at 20 MHz)
	26 dB (at 100 MHz (-5LOG))
Flame resistance	VW-1
Other resistance	Resistant to welding splashes Abrasion and oil resistance
	UV resistant CMX outdoor
Ambient temperature (operation)	-40 °C ... 80 °C (Cable, flexible installation)

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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC003249
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Environmental product compliance

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

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Accessories

WIREFOX SAC - Stripping tool

1212623

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Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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