

NBC-100,0- 97B - Cable reel

1583499

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By the meter, Cable reel, Single Pair Ethernet, shielded, PVC, black, 2-wire (1 x 2 x AWG 22/7, S/FTP), color single wire: white, blue, cable length: 100 m

Commercial data

Item number	1583499
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BF1LFA
GTIN	4067923077317
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	CN

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Technical data

Product properties

Product type	Data cable by the meter
Sensor type	Single Pair Ethernet
Number of positions	2
Application	Standard
Shielded	yes

Electrical properties

Nominal voltage U_N	72 V DC
Transmission medium	Copper

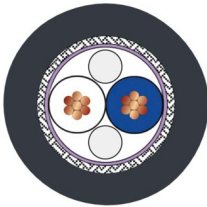
Interfaces

Bus system	Ethernet
Signal type/category	Single Pair Ethernet, 10 Mbps

Cable/line

Cable length	100 m
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Single Pair Ethernet PUR flexible, black [97B]

Dimensional drawing	
Shielded	yes
UL AWM Style	2095 (80°C/300 V)
Cable type	Single Pair Ethernet PUR flexible, black
Cable type (abbreviation)	97B
Signal type/category	Single Pair Ethernet
Cable structure	1 x 2 x AWG 22/7, S/FTP
External cable diameter	5.10 mm $\pm$ 0.2 mm
Outer sheath, material	PVC
External sheath, color	black
Thickness, outer sheath	0.55 mm
Conductor material	Tin-plated Cu litz wires
Conductor structure signal line	7x
AWG signal line	22
Conductor cross section	2x 0.34 mm ²
Material wire insulation	Foamed PE

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Wire diameter incl. insulation	1.65 mm
Single wire, color	white, blue
Twisted pairs	2 cores to the pair
Overall twist	1 pair with fillers twisted horizontally
Shielding	Aluminum-coated foil, tinned copper braided shield
Optical shield covering	80 %
Nominal voltage, cable	300 V
Cable resistance	$\leq 59.4 \text{ } \Omega/\text{km}$
Cable insulation resistance	$\geq 5 \text{ G}\Omega \cdot \text{km}$
Wave impedance	$100 \text{ } \Omega \pm 15 \text{ } \Omega$ (at 20 MHz)
Minimum bending radius, fixed installation	4 x D
Flame resistance	According to FT-2
Ambient temperature (operation)	-20 °C ... 80 °C (cable, fixed installation)

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Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-13.0	27061801

ETIM

ETIM 9.0	EC003249
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