

Bus system cable - NBC-R4ACR/2,0-93B/R4ACR - 1409003

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Profinet patch cable, shielded, star-quad, 22 AWG stranded (7-wire), green, angled RJ45 male connector/ IP20 to angled RJ45 male connector/IP20, length: 2.0 m

Profinet patch cable



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 857185
Weight per Piece (excluding packing)	148.0 g
Custom tariff number	85444210
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length of cable	2 m
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Ambient conditions

Degree of protection	IP20 (RJ45 connector)
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General data

Rated current at 40°C	1 A
Rated voltage	50 V
Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801:2002), 100 Mbps
Surge voltage category	I
Pollution degree	1

Characteristics head 1

Head type	Plug angled RJ45 / IP20
No. of positions (pin connector pattern)	4 (8)
Color	black

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Technical data

Characteristics head 1

Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carriers)
	PA (Housing)
Insertion/withdrawal cycles	≥ 750
Ambient temperature (operation)	-25 °C ... 80 °C

Characteristics head 2

Head type	Plug angled RJ45 / IP20
No. of positions (pin connector pattern)	4 (8)
Color	black
Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carriers)
	PA (Housing)
Insertion/withdrawal cycles	≥ 750
Ambient temperature (operation)	-25 °C ... 80 °C

Cable

Signal type/category	PROFINET CAT5 (IEC 11801:2002)
Cable structure	1x4xAWG22/7; SF/TQ
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	approx. 1.5 mm
Wire colors	White, yellow, blue, orange
External sheath, color	Green RAL 6018
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires
Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27440402
eCl@ss 8.0	27060308

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Classifications

ETIM

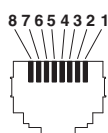
ETIM 3.0	EC001262
ETIM 4.0	EC002599
ETIM 5.0	EC002599

UNSPSC

UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	26121616

Drawings

Schematic diagram

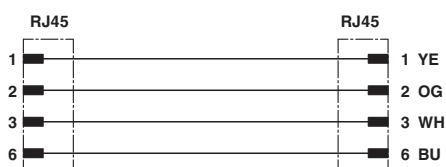


Cable cross section



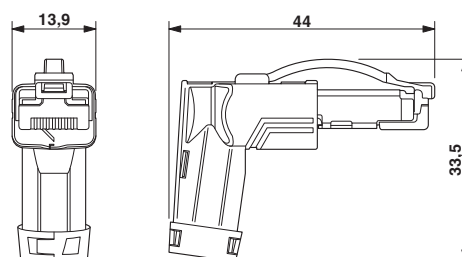
Connector pin assignment plug RJ45

Circuit diagram



Contact assignment of RJ45 plugs

Dimensioned drawing



RJ45 connector, IP20, angled