

Patch cable - NBC-R4AC/10,0-93B/R4AC - 1408971

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 4, 100 Mbps, CAT5, material: PA 6.6, PROFINET

PROFINET patch cable



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 857000
GTIN	4046356857000
Weight per Piece (excluding packing)	697.800 g
Custom tariff number	85444210
Country of origin	Poland

Technical data

Dimensions

Length of cable	10.00 m
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Ambient conditions

Degree of protection	IP20 (RJ45 connector)
Ambient temperature (operation)	-25 °C ... 80 °C (RJ45 connector)

General data

Rated current at 40°C	1 A
Rated voltage	48 V
Number of positions	4
Overvoltage category	I

Patch cable - NBC-R4AC/10,0-93B/R4AC - 1408971

Technical data

General data

Degree of pollution	1
Alternative short product description	PROFINET cable
Rated voltage (III/3)	72 V (DC)
Insertion/withdrawal cycles	≥ 750
Contact material	CuSn
Contact surface material	Ni/Au
Housing material	PA 6.6
Number of slots	1
Rated current	1.75 A
Transmission characteristics (category)	CAT5
Transmission speed	100 Mbps

Characteristics head 1

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

Characteristics head 2

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

Standards and Regulations

Flammability rating according to UL 94	V2
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Cable

Cable type	PROFINET PVC stranded CAT5
Cable type (abbreviation)	93B
Signal type/category	PROFINET CAT5 (IEC 11801:2002), 100 Mbps
Cable structure	1x4xAWG22/7; SF/TQ
Conductor cross section	4x 0.34 mm²

Patch cable - NBC-R4AC/10,0-93B/R4AC - 1408971

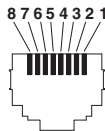
Technical data

Cable

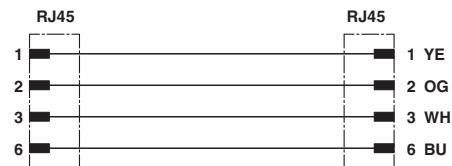
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	approx. 1.5 mm
Wire colors	White, yellow, blue, orange
External sheath, color	green RAL 6018
External cable diameter D	6.5 mm
Smallest bending radius, fixed installation	60 mm
Smallest bending radius, movable installation	30 mm
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires
Wave impedance	100 Ω $\pm$ 15 Ω (at 1 ... 100 MHz)
Shielded	yes

Drawings

Schematic diagram



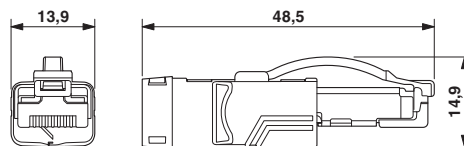
Circuit diagram



Contact assignment of RJ45 plugs

Connector pin assignment plug RJ45

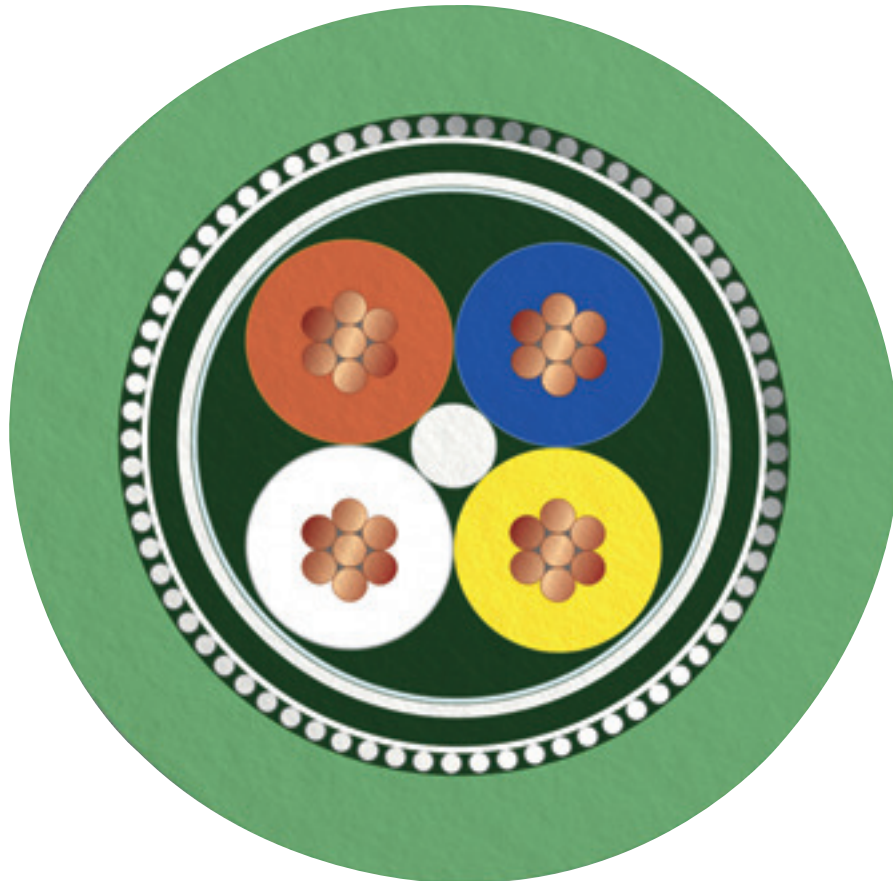
Dimensional drawing



RJ45 connector, IP20

Patch cable - NBC-R4AC/10,0-93B/R4AC - 1408971

Cable cross section



PROFINET PVC stranded CAT5 [93B]

Classifications

eCl@ss

eCl@ss 10.0.1	27060308
eCl@ss 11.0	27060308
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27060308
eCl@ss 9.0	27060308

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Classifications

ETIM

ETIM 4.0	EC002599
ETIM 6.0	EC001262
ETIM 7.0	EC001262

UNSPSC

UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	26121604
UNSPSC 18.0	26121604
UNSPSC 19.0	26121604
UNSPSC 20.0	26121604
UNSPSC 21.0	26121604

Approvals

Approvals

Approvals

EAC / EAC-RoHS

Ex Approvals

Approval details

EAC		19060508
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EAC-RoHS		B.00385/20
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