

# NBC-R4ACS/5,0-93C/OE - Patch cable



1112868

<https://www.phoenixcontact.com/us/products/1112868>

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Patch cable, RJ45/IP20 straight, cable length: 5 m, number of positions: 4, 100 Mbps, CAT5, PROFINET

## Your advantages

- Perfect for industrial applications
- PUR cable for moving applications (bend)
- Worldwide approval with CE, UL, WEEE, and EAC
- Secure connection and disconnection with reliable locking clip protection
- Ideal EMC properties, thanks to 360° shielding
- Simultaneous power transmission with PoE++
- Resistant to shock and vibrations, thanks to robust molding
- High-speed data transmission with up to 100 Mbps (CAT5)

## Commercial data

Item number	1112868
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABA
GTIN	4063151033545
Weight per piece (including packing)	330.2 g
Weight per piece (excluding packing)	324.846 g
Customs tariff number	85444210
Country of origin	PL

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## Technical data

### Product properties

Product type	Data cable preassembled
Product family	RJ45 INDUSTRIAL PN4 CAT5
Sensor type	PROFINET
Number of positions	4
Shielded	yes

### Electrical properties

Rated voltage (III/2)	72 V
Rated current	1.75 A
Insulation resistance	> 1 TΩ
Contact resistance	< 20 mΩ
Transmission speed	100 Mbps
Transmission characteristics (category)	CAT5
Transmission speed	100 Mbps

### Dimensions

Width	13.8 mm
Height	14.8 mm
Length	45 mm

### Connector

#### Connection 1

Type	RJ45 Plug, straight, 4-position
Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps EtherCAT®, 100 Mbps
Insertion/withdrawal cycles	≥ 750
Insertion force	50 N (per signal contact)
Withdrawal force	30 N (per signal contact)
Overvoltage category	I
Degree of pollution	2
Material Contact	CuSn6
Material Contact surface	Ni/Au
Material Contact carrier	PC
Material Housing	PP
Color (Housing)	black
Flammability rating according to UL 94	V2
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

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## Connection 2

Type	free cable end
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## Cable/line

Cable length	5.00 m
Cable type	PROFINET drag chain CAT5
External sheath, color	green
Test voltage Core/Core	1000 V DC
Test voltage Core/Shield	1000.00 V DC
Halogen-free	yes

## Standards and regulations

Standards/specifications	IEC 60603-7
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1112868>

 <b>cUL Recognized</b> Approval ID: E335024-V2S6				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	57 V	1.75 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

### ETIM

ETIM 10.0	EC001855
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### UNSPSC

UNSPSC 21.0	39121400
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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-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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