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NBC-R4AC/0,3-UTP/R4AC - Patch cable

1438324

https://www.phoenixcontact.com/gb/products/1438324

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 1 Gbps, CAT5, cable outlet: straight, Ethernet

Your advantages

- Perfect for industrial applications
- Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- Compact angle

Commercial data

Item number	1438324
Packing unit	1 pc
Minimum order quantity	100 pc
Sales key	ABNABM
Product key	ABNABM
GTIN	4063151815356
Weight per piece (including packing)	14.7 g
Weight per piece (excluding packing)	14.7 g
Customs tariff number	85444210
Country of origin	CN

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Technical data

Product properties

Product type	Data cable preassembled
Product family	RJ45 BASIC IE8 CAT5
Sensor type	Ethernet
Number of positions	8
Number of slots	1
Shielded	no
Cable outlet	straight

Signaling

Status display	no
Status display present	No

Electrical properties

Rated voltage (III/3)	72 V (DC)
Nominal voltage U_N	48 V
Nominal current I_N	1 A
Transmission medium	Copper
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps

Mechanical properties

Mechanical data

Insertion force per signal contact	50.00 N
Extraction force per signal contact	30 N

Material specifications

Flammability rating according to UL 94	V0
Outer sheath, material	PVC

Connector

Connection 1

Type	Plug straight RJ45
Shielded	yes
Handle color	gray
Material	CuSn (Contact)
	Au (Contact surface)
	PVC (Housing)
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 80 °C

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Connection 2

Type	Plug straight RJ45
Shielded	yes
Handle color	gray
Material	CuSn (Contact)
	Au (Contact surface)
	PVC (Housing)
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 80 °C

Cable/line

Cable length	0.30 m
Cable type	Ethernet, CAT5, 4-pair, UTP
Short symbol	UTP
Cable structure	4x2xAWG24/7; UTP
External cable diameter	5.40 mm
Outer sheath, material	PVC
External sheath, color	gray
Single wire, color	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Cable cross section	0.22 mm²
Conductor structure signal line	7x 0.20 mm
AWG signal line	24

Environmental and real-life conditions

Ambient conditions

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

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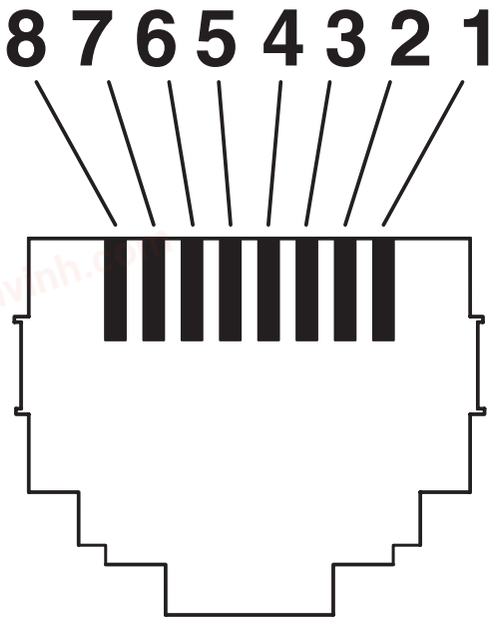
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Drawings

Schematic diagram



Connector pin assignment plug RJ45

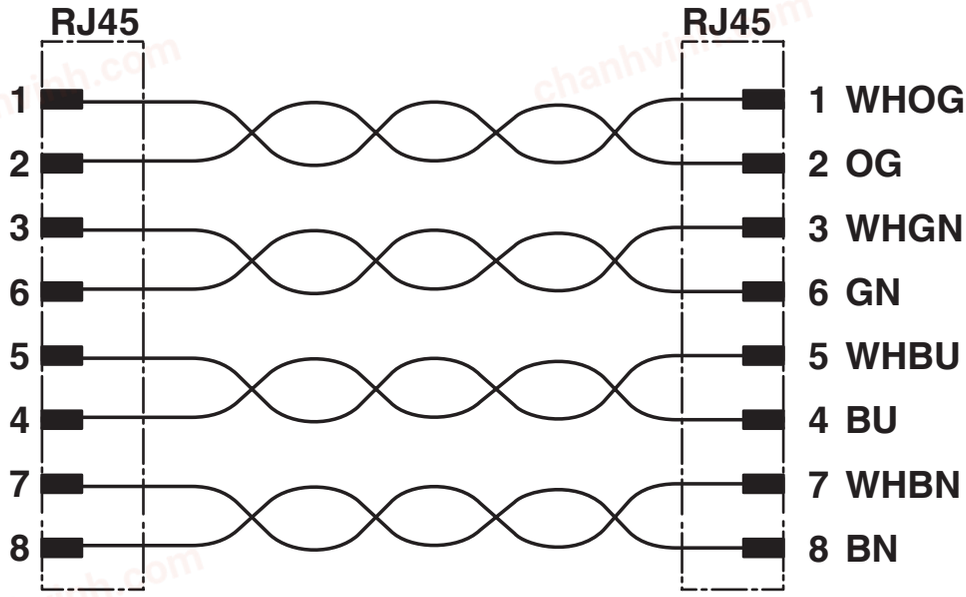
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Circuit diagram



Contact assignment of RJ45 plugs

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Classifications

ECLASS

ECLASS-11.0	27060308
ECLASS-13.0	27060307

ETIM

ETIM 9.0	EC001855

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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