

# NBC-R4OC/10,0-BC6A/R4OC - Patch cable



1227588

<https://www.phoenixcontact.com/pc/products/1227588>

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## Your advantages

- Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- 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++
- Future-proof high-speed data transmission with up to 10 Gbps (CAT6<sub>A</sub>)

## Commercial Data

Item number	1227588
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	ABNABH
GTIN	4063151322038
Weight per Piece (including packing)	549.3 g
Weight per Piece (excluding packing)	549.3 g
Customs tariff number	85444290
Country of origin	CN

# NBC-R4OC/10,0-BC6A/R4OC - Patch cable



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## Technical Data

### Product properties

Product type	Data cable preassembled
Number of positions	8
Locking type	Locking clips
Shielded	yes
Cable outlet	straight

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Rated voltage (III/2)	72 V
Transmission speed	10 Gbps
Power transmission	PoE++

### Material specifications

Flammability rating according to UL 94	V0
Contact material	Brass
Contact surface material	Au
Contact carrier material	PC
Outer sheath, material	LSZH

### Connection data

#### Connection technology

Connection method	Pierce connection
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#### Conductor connection

Connection method	Pierce connection
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### Connector

#### Connection 1

Type	Plug straight RJ45
Handle color	gray
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

#### Connection 2

Type	Plug straight RJ45
Handle color	gray
Insertion/withdrawal cycles	≥ 750

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Ambient temperature (operation)	-20 °C ... 80 °C
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## Cable/line

Cable length	10.00 m
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### Ethernet, Type B, 8-pos., CAT6A, LSZH [BC6A]

Shielded	yes
Cable type	Ethernet, Type B, 8-pos., CAT6A, LSZH
Cable type (abbreviation)	BC6A
Cable structure	2x2xAWG26/7, S/FTP
External cable diameter	6.5 mm ±0.3 mm
Outer sheath, material	LSZH
External sheath, color	gray
Single wire, number of litz wires	8
Single wire, cross section [AWG]	26
Shielding	S/FTP
Optical shield covering	70 %
Halogen-free	complying with IEC 60754-1/2
Flame resistance	IEC 60332-1-2/IEC 60332-3-24/CM

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C
Ambient temperature (storage/transport)	0 °C ... 40 °C

## Standards and regulations

Flame resistance	IEC 60332-1-2
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## Approvals



**EAC**

Approval ID: 19060508



**UL Listed**

Approval ID: FILE E 335024



**cUL Listed**

Approval ID: FILE E 335024

# NBC-R4OC/10,0-BC6A/R4OC - Patch cable



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## Classifications

### ECLASS

ECLASS-11.0	27060308
ECLASS-12.0	27060308
ECLASS-13.0	27060308

### ETIM

ETIM 8.0	EC002599
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

# NBC-R40C/10,0-BC6A/R40C - Patch cable



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## Accessories

### NBC-R40C/0,3-BC6A/R40C - Patch cable

1227572

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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### NBC-R40C/0,5-BC6A/R40C - Patch cable

1227573

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Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/1,0-BC6A/R4OC - Patch cable

1227575

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/1,5-BC6A/R4OC - Patch cable

1227578

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet



## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/2,0-BC6A/R4OC - Patch cable

1227580

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/3,0-BC6A/R4OC - Patch cable

1227581

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Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/5,0-BC6A/R4OC - Patch cable

1227583

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Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/7,5-BC6A/R4OC - Patch cable

1227585

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Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/0,3-BC5/R4OC - Patch cable

1227558

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/0,5-BC5/R4OC - Patch cable

1227559

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Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/1,0-BC5/R4OC - Patch cable

1227560

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/1,5-BC5/R4OC - Patch cable

1227561

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/2,0-BC5/R4OC - Patch cable

1227562

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/3,0-BC5/R4OC - Patch cable

1227563

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Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

## NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/5,0-BC5/R4OC - Patch cable

1227564

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Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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## NBC-R4OC/7,5-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

# NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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## NBC-R4OC/10,0-BC5/R4OC - Patch cable

1227566

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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