

NBC-R4OC/20,0-BC6A/R4OC - Patch cable



1227593

<https://www.phoenixcontact.com/pc/products/1227593>

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Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 10 Gbps, CAT6_A, 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_A)

Commercial Data

Item number	1227593
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	ABNABH
GTIN	4063151321864
Weight per Piece (including packing)	1,050.5 g
Weight per Piece (excluding packing)	959 g
Customs tariff number	85444290
Country of origin	CN

NBC-R4OC/20,0-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	20.00 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

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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

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Accessories

NBC-R4OC/0,3-BC6A/R4OC - 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_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/0,5-BC6A/R4OC - 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_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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1227593

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

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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

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Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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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_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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

1227588

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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

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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

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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/1,0-BC5/R4OC - Patch cable

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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

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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/2,0-BC5/R4OC - Patch cable

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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/5,0-BC5/R4OC - Patch cable

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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-BC5/R4OC - Patch cable

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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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