

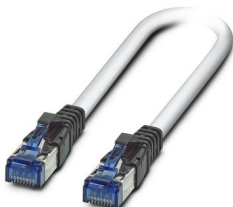
# FL CAT6 PATCH 7,5 - Patch cable

2891880

<https://www.phoenixcontact.com/us/products/2891880>



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Patch cable, CAT6, preassembled, 7.5 m

## Commercial data

Item number	2891880
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABG
Catalog page	Page 721 (C-2-2019)
GTIN	4046356167581
Weight per piece (including packing)	294.5 g
Weight per piece (excluding packing)	304.58 g
Customs tariff number	85444210
Country of origin	PL

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## Technical data

### Product properties

Product type	Data cable preassembled
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45

### Electrical properties

Contact resistance	$\leq 0.003 \Omega$ (IEC 60603-7)
Nominal voltage $U_N$	150 V <sub>rms</sub>
Nominal current $I_N$	1.5 A
Transmission speed	1 Gbps

### Mechanical properties

#### Mechanical data

Insertion force per signal contact	30.00 N
Extraction force per signal contact	50 N

### Material specifications

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

### Dimensions

Width	12.6 mm
Height	6.6 mm
Length	40.05 mm

#### External dimensions

External diameter max.	6.2 mm
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### Connector

#### Connection 1

Type	Plug straight RJ45
Shielded	yes
Insertion/withdrawal cycles	$\geq 750$
Degree of protection	IP20

#### Connection 2

Type	Plug straight RJ45
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### Cable/line

Cable length	7.50 m
External cable diameter	5.50 mm

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Outer sheath, material	LSFROH
Single wire, number of litz wires	8
Single wire, material	Cu litz wire
Single wire, cross section	0.14 mm <sup>2</sup>
Shielding	S/FTP
Smallest bending radius, fixed installation	30 mm
Halogen-free	according to IEC 60754-1
Concentration of fumes	in accordance with IEC 61034
Flame resistance	according to IEC 60332-3C

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-10 °C ... 60 °C

## Standards and regulations

Flame resistance	according to IEC 60332-3C
Concentration of fumes	in accordance with IEC 61034

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2891880>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

ECLASS-11.0	27060308
ECLASS-12.0	27060308
ECLASS-13.0	27060307

### ETIM

ETIM 9.0	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-BC5/R4OC - Patch cable

1227558

<https://www.phoenixcontact.com/us/products/1227558>



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

<https://www.phoenixcontact.com/us/products/1227559>



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

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

1227560

<https://www.phoenixcontact.com/us/products/1227560>



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

<https://www.phoenixcontact.com/us/products/1227561>



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



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

1227562

<https://www.phoenixcontact.com/us/products/1227562>



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

<https://www.phoenixcontact.com/us/products/1227563>



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

## FL CAT6 PATCH 7,5 - Patch cable

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

1227564

<https://www.phoenixcontact.com/us/products/1227564>



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

1227565

<https://www.phoenixcontact.com/us/products/1227565>



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

## FL CAT6 PATCH 7,5 - Patch cable

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

1227572

<https://www.phoenixcontact.com/us/products/1227572>



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

1227573

<https://www.phoenixcontact.com/us/products/1227573>



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

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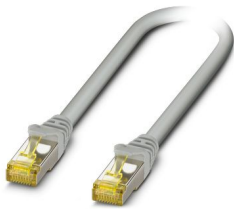
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### NBC-R4OC/1,0-BC6A/R4OC - Patch cable

1227575

<https://www.phoenixcontact.com/us/products/1227575>



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

<https://www.phoenixcontact.com/us/products/1227578>



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

## FL CAT6 PATCH 7,5 - Patch cable

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

1227580

<https://www.phoenixcontact.com/us/products/1227580>



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

<https://www.phoenixcontact.com/us/products/1227581>



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

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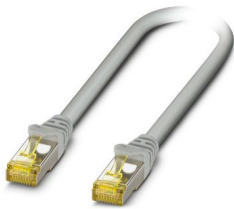
<https://www.phoenixcontact.com/us/products/2891880>



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

1227583

<https://www.phoenixcontact.com/us/products/1227583>



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

<https://www.phoenixcontact.com/us/products/1227585>



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

## FL CAT6 PATCH 7,5 - Patch cable

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

1227588

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



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

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## NBC-R4OC/12,5-BC6A/R4OC - Patch cable

1227590

<https://www.phoenixcontact.com/us/products/1227590>



Patch cable, degree of protection: IP20, cable length: 12.5 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

## FL CAT6 PATCH 7,5 - Patch cable

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## NBC-R4OC/15,0-BC6A/R4OC - Patch cable

1227591

<https://www.phoenixcontact.com/us/products/1227591>



Patch cable, degree of protection: IP20, cable length: 15 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/20,0-BC6A/R4OC - Patch cable

1227593

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



Patch cable, degree of protection: IP20, cable length: 20 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)