

# FL CAT6 PATCH 0,3 - Patch cable

2891181

<https://www.phoenixcontact.com/de/produkte/2891181>



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Patch cable, CAT6, pre-assembled, 0.3 m

## Commercial Data

|                                      |                           |
|--------------------------------------|---------------------------|
| Item number                          | 2891181                   |
| Packing unit                         | 1 pc                      |
| Minimum order quantity               | 1 pc                      |
| Sales Key                            | O1 - Automatisierungssys. |
| Product Key                          | ABNABG                    |
| Catalog Page                         | Page 721 (C-2-2019)       |
| GTIN                                 | 4046356167512             |
| Weight per Piece (including packing) | 23,6 g                    |
| Weight per Piece (excluding packing) | 22,39 g                   |
| Customs tariff number                | 85444210                  |
| Country of origin                    | PL                        |

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## Technical Data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Number of positions | 8                       |
| Sensor type         | Ethernet                |
| 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                            |

### Material specifications

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

### Dimensions

#### External dimensions

|                        |        |
|------------------------|--------|
| External diameter max. | 6.2 mm |
|------------------------|--------|

### Connector

#### Connection 1

|      |                    |
|------|--------------------|
| Type | Plug straight RJ45 |
|------|--------------------|

#### Connection 2

|      |                    |
|------|--------------------|
| Type | Plug straight RJ45 |
|------|--------------------|

### Cable/line

|                                               |                              |
|-----------------------------------------------|------------------------------|
| Cable length                                  | 0.30 m                       |
| External cable diameter                       | 6.00 mm                      |
| 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   | 60 mm (under load)           |
| Smallest bending radius, movable installation | 35 mm (without load)         |
| Halogen-free                                  | according to IEC 60754-1     |
| Concentration of fumes                        | in accordance with IEC 61034 |
| Flame resistance                              | according to IEC 60332-3C    |

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## 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



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC002599 |
|----------|----------|

### 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/de/produkte/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/de/produkte/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/de/produkte/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/de/produkte/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/de/produkte/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/de/produkte/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

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

1227564

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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

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

1227572

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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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### NBC-R4OC/1,0-BC6A/R4OC - Patch cable

1227575

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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

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

1227580

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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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## NBC-R4OC/5,0-BC6A/R4OC - Patch cable

1227583

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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

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

1227588

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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

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

1227591

<https://www.phoenixcontact.com/de/produkte/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/de/produkte/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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