

# FL CAT6 PATCH 0,5 - Patch cable

2891288

<https://www.phoenixcontact.com/us/products/2891288>



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Patch cable, Ethernet CAT6 (1 Gbps), 8-position, Plug straight RJ45 / IP20, on Plug straight RJ45, cable length: 0.5 m



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2891288       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB11          |
| Product key                          | ABNABG        |
| GTIN                                 | 4046356167529 |
| Weight per piece (including packing) | 32 g          |
| Weight per piece (excluding packing) | 29.6 g        |
| Customs tariff number                | 85444210      |
| Country of origin                    | PL            |

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## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Product family      | RJ45 STANDARD CAT6      |
| Number of positions | 8                       |

### Interfaces

|                      |                       |
|----------------------|-----------------------|
| Signal type/category | Ethernet CAT6, 1 Gbps |
|----------------------|-----------------------|

### Electrical properties

|                       |        |
|-----------------------|--------|
| Nominal voltage $U_N$ | 48 V   |
| 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

|        |          |
|--------|----------|
| Width  | 13 mm    |
| Height | 6.6 mm   |
| Length | 40.05 mm |

### Connector

#### Connection 1

|                             |                           |
|-----------------------------|---------------------------|
| Type                        | Plug straight RJ45 / IP20 |
| Number of positions         | 8                         |
| Shielded                    | yes                       |
| Insertion/withdrawal cycles | $\geq 750$                |
| Degree of protection        | IP20                      |

#### Connection 2

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

### Cable/line

|                                   |                              |
|-----------------------------------|------------------------------|
| Cable length                      | 0.5 m                        |
| External cable diameter           | 6.00 mm                      |
| Outer sheath, material            | LSFROH                       |
| Single wire, number of litz wires | 8                            |
| Single wire, material             | Cu litz wire                 |
| Shielding                         | S/FTP                        |
| Halogen-free                      | according to IEC 60754-1     |
| Concentration of fumes            | in accordance with IEC 61034 |

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|                  |                           |
|------------------|---------------------------|
| 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/2891288>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27060307 |
| ECLASS-15.0 | 27060307 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002599 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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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%               |
| EF3.1 Climate Change                    |                                          |
| CO2e kg                                 | 3.071 kg CO2e                            |

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