

# FL CAT6 PATCH 0,3 - Patch cable



2891181

<https://www.phoenixcontact.com/us/products/2891181>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

## Commercial data

Item number	2891181
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABG
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

# FL CAT6 PATCH 0,3 - Patch cable



2891181

<https://www.phoenixcontact.com/us/products/2891181>

## Technical data

### Product properties

Product type	Data cable preassembled
Product family	RJ45 STANDARD CAT6
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
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
------------------------	--------

### Connector

#### Connection 1

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

#### Connection 2

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

### Cable/line

# FL CAT6 PATCH 0,3 - Patch cable



2891181

<https://www.phoenixcontact.com/us/products/2891181>

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

## Standards and regulations

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

# FL CAT6 PATCH 0,3 - Patch cable



2891181

<https://www.phoenixcontact.com/us/products/2891181>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2891181>



**EAC**

Approval ID: 19060508

# FL CAT6 PATCH 0,3 - Patch cable



2891181

<https://www.phoenixcontact.com/us/products/2891181>

## Classifications

### ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

### ETIM

ETIM 10.0	EC001855
-----------	----------

### UNSPSC

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

# FL CAT6 PATCH 0,3 - Patch cable



2891181

<https://www.phoenixcontact.com/us/products/2891181>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)