

# FL CAT5 PATCH 2,0 - Patch cable

2832289

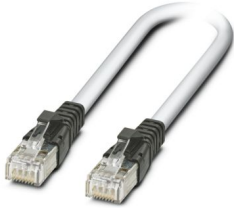
<https://www.phoenixcontact.com/gb/products/2832289>



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, CAT5, assembled, 2 m



# FL CAT5 PATCH 2,0 - Patch cable



2832289

<https://www.phoenixcontact.com/gb/products/2832289>

## 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
------------------------	--------

### 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

Cable length	2.00 m
External cable diameter	5.50 mm

# FL CAT5 PATCH 2,0 - Patch cable



2832289

<https://www.phoenixcontact.com/gb/products/2832289>

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	SF/UTP
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

# FL CAT5 PATCH 2,0 - Patch cable

2832289

<https://www.phoenixcontact.com/gb/products/2832289>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2832289>



**EAC**

Approval ID: 19060508

# FL CAT5 PATCH 2,0 - Patch cable



2832289

<https://www.phoenixcontact.com/gb/products/2832289>

## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	EC002599
----------	----------

### UNSPSC

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

# FL CAT5 PATCH 2,0 - Patch cable



2832289

<https://www.phoenixcontact.com/gb/products/2832289>

## 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 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)