

FL CAT6 PATCH 2,0 - Patch cable

2891589

<https://www.phoenixcontact.com/au/products/2891589>



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: 2 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

Commercial data

Item number	2891589
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABNABG
Product key	ABNABG
Catalog page	Page 721 (C-2-2019)
GTIN	4046356167550
Weight per piece (including packing)	98 g
Weight per piece (excluding packing)	88.4 g
Customs tariff number	85444210
Country of origin	PL

FL CAT6 PATCH 2,0 - Patch cable

2891589

<https://www.phoenixcontact.com/au/products/2891589>



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 _{rms}
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	≥ 750
Degree of protection	IP20

Connection 2

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

Cable/line

Cable length	2.00 m
--------------	--------

FL CAT6 PATCH 2,0 - Patch cable



2891589

<https://www.phoenixcontact.com/au/products/2891589>

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 ²
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

FL CAT6 PATCH 2,0 - Patch cable

2891589

<https://www.phoenixcontact.com/au/products/2891589>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/2891589>



EAC

Approval ID: 19060508

FL CAT6 PATCH 2,0 - Patch cable



2891589

<https://www.phoenixcontact.com/au/products/2891589>

Classifications

ECLASS

ECLASS-13.0	27060307
-------------	----------

ETIM

ETIM 9.0	EC001855
----------	----------

UNSPSC

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

FL CAT6 PATCH 2,0 - Patch cable

2891589

<https://www.phoenixcontact.com/au/products/2891589>



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 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd
Unit 7, 2-8 South Street
Rydalmere NSW 2116
1300 786 411
customerservice@phoenixcontact.com.au