HC-Q-I-RJ45-AD-PC-M - Contact insert

1077120

https://www.phoenixcontact.com/us/products/1077120

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Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, Adapter for patch cables

Commercial data

Item number	1077120
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF61
Product key	BF7ABJ
Catalog page	Page 513 (C-2-2019)
GTIN	4055626788838
Weight per piece (including packing)	6.9 g
Weight per piece (excluding packing)	5.1 g
Customs tariff number	85366990
Country of origin	CN

Technical data

Notes

General	Use the patch cable from the accessories list.
General	Connectors may be operated only when there is no load/voltage.

Product properties

Product type	Contact insert with a fixed no. of positions
Series	HC-Q
Application	Data
Type	D7
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Type	RJ45

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Width	21 mm
Height	20.5 mm
Length	21 mm

Connection data

Connection technology

Connection in acc. with standard	IEC / EN

Conductor connection

Tightening torque	0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

Electrical properties

Rated voltage (III/3)	50 V
Rated surge voltage	0.8 kV
Rated current	1 A
Transmission characteristics (category)	CAT6

Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C

Standards and regulations

Testing

Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-12.0	27440205
ECLASS-13.0	27440205

ETIM

ETIM 9.0	EC000438

UNSPSC

UNSPSC 21.0	39121500

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%

Accessories

HC-D 7-DS-IP65 - Sealing screw

1686229

https://www.phoenixcontact.com/us/products/1686229



Sealing screw, size: Countersunk head, IP67, replacement part for D7 size HEAVYCON housing

FL CAT5 PATCH 0,3 - Patch cable

2832250

https://www.phoenixcontact.com/us/products/2832250



Patch cable, CAT5, assembled, 0.3 m

FL CAT5 PATCH 0,5 - Patch cable

2832263

https://www.phoenixcontact.com/us/products/2832263



Patch cable, CAT5, assembled, 0.5 m

FL CAT5 PATCH 1,0 - Patch cable

2832276

https://www.phoenixcontact.com/us/products/2832276



Patch cable, CAT5, assembled, 1 m

FL CAT5 PATCH 1,5 - Patch cable

2832221

https://www.phoenixcontact.com/us/products/2832221



Patch cable, CAT5, assembled, 1.5 m

FL CAT5 PATCH 2,0 - Patch cable

2832289

https://www.phoenixcontact.com/us/products/2832289



Patch cable, CAT5, assembled, 2 m

FL CAT5 PATCH 3,0 - Patch cable

2832292

https://www.phoenixcontact.com/us/products/2832292



Patch cable, CAT5, assembled, 3 m

FL CAT5 PATCH 5,0 - Patch cable

2832580

https://www.phoenixcontact.com/us/products/2832580



Patch cable, CAT5, assembled, 5 m

FL CAT5 PATCH 7,5 - Patch cable

2832616

https://www.phoenixcontact.com/us/products/2832616



Patch cable, CAT5, assembled, 7.5 m

FL CAT5 PATCH 10,0 - Patch cable

2832629

https://www.phoenixcontact.com/us/products/2832629



Patch cable, CAT5, assembled, 10 m

FL CAT6 PATCH 0,3 - Patch cable

2891181

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



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

FL CAT6 PATCH 0,5 - Patch cable

2891288

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



Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 1,0 - Patch cable

2891385

https://www.phoenixcontact.com/us/products/2891385



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

FL CAT6 PATCH 1,5 - Patch cable

2891482

https://www.phoenixcontact.com/us/products/2891482



Patch cable, CAT6, preassembled, 1.5 m

FL CAT6 PATCH 2,0 - Patch cable

2891589

https://www.phoenixcontact.com/us/products/2891589



Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 3,0 - Patch cable

2891686

https://www.phoenixcontact.com/us/products/2891686



Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 5,0 - Patch cable

2891783

https://www.phoenixcontact.com/us/products/2891783



Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 7,5 - Patch cable

2891880

https://www.phoenixcontact.com/us/products/2891880



Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 10 - Patch cable

2891877

https://www.phoenixcontact.com/us/products/2891877



Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 12,5 - Patch cable

2891369

https://www.phoenixcontact.com/us/products/2891369



Patch cable, CAT6, preassembled, 12.5 m

FL CAT6 PATCH 15,0 - Patch cable

2891372

https://www.phoenixcontact.com/us/products/2891372



Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 20,0 - Patch cable

2891576

https://www.phoenixcontact.com/us/products/2891576

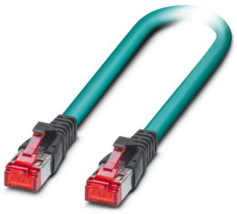


Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

NBC-R4AC1/0,3-94G/R4AC1-BU - Patch cable

1413158

https://www.phoenixcontact.com/us/products/1413158

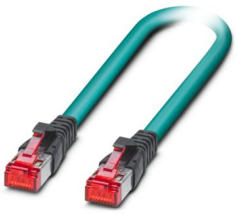


Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, $CAT6_A$, connection method: Pierce connection, Ethernet

NBC-R4AC1/0,5-94G/R4AC1-BU - Patch cable

1413159

https://www.phoenixcontact.com/us/products/1413159

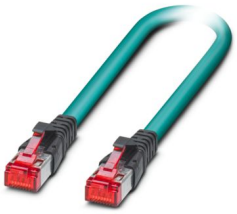


Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

1413160

https://www.phoenixcontact.com/us/products/1413160



Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/2,0-94G/R4AC1-BU - Patch cable

1413161

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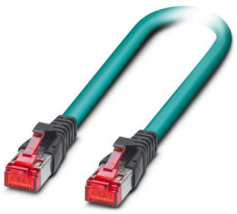
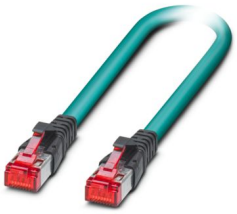


Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/3,0-94G/R4AC1-BU - Patch cable

1413162

https://www.phoenixcontact.com/us/products/1413162

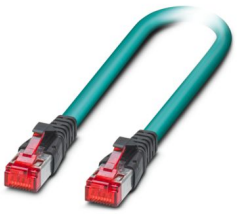


Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/5,0-94G/R4AC1-BU - Patch cable

1413163

https://www.phoenixcontact.com/us/products/1413163



Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

HC-Q-I-RJ45-AD-PC-M - Contact insert

1077120

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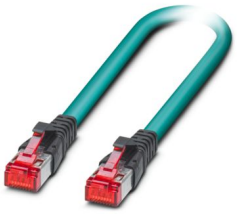
NBC-R4AC1/10,0-94G/R4AC1-BU - Patch cable

1413164

https://www.phoenixcontact.com/us/products/1413164

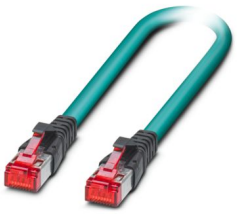


Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

NBC-R4AC1/15,0-94G/R4AC1-BU - Patch cable

1413165

https://www.phoenixcontact.com/us/products/1413165



Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

HC-Q-I-RJ45-AD-PC-M - Contact insert

1077120

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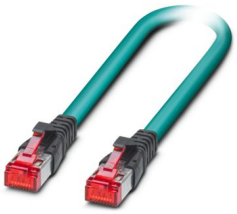
NBC-R4AC1/20,0-94G/R4AC1-BU - Patch cable

1413166

https://www.phoenixcontact.com/us/products/1413166



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 10 Gbps, $CAT6_A$, Ethernet

HC-Q-I-RJ45 GC-F/F - Contact insert

1422590

https://www.phoenixcontact.com/us/products/1422590



Contact insert, number of positions: RJ45, size: D7, type : RJ45, Socket, 50 V, 1 A, application: Data, Gender changer

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