

CUC-V06-C1PBK-S/R4CEA:1 - RJ45 connector

1414410

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RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 8, 10 Gbps, CAT6_A, material: Plastic, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black, Ethernet/PROFINET

Commercial data

Item number	1414410
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB17
Product key	ABNNAB
Catalog page	Page 350 (C-2-2019)
GTIN	4055626028323
Weight per piece (including packing)	18.4 g
Weight per piece (excluding packing)	18.4 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Sensor type	Ethernet/PROFINET
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Type	RJ45
Shielded	no
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1 A
Frequency range	to 500 MHz
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission medium	Copper
Transmission characteristics (category)	CAT6 _A
Transmission speed	10 Gbps

Connection data

Connection technology

Connection method	Crimp connection
Connection cross section AWG	24 ... 27 (flexible)
Conductor cross section	0.1 mm ² ... 0.2 mm ² (flexible)

Dimensions

Width	38.4 mm
Height	53 mm
Length	19.9 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
Seal material, O-ring	NBR
Seal material	TPE
Housing material	Plastic

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Cable seal material	NBR
Contact material	Phosphor bronze
Contact surface material	Gold
Contact carrier material	PC
O-ring material	FPM

Cable/line

External cable diameter	5 mm ... 8.5 mm
Cable cross section	0.1 mm ²

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 1000

Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 60 °C

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