

# RJ45 connector - CUC-V06-C1PBK-S/R4CE8:1 - 1414408


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RJ45 connector, degree of protection: IP67, number of positions: 8, 1 Gbps, CAT6, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 028309
GTIN	4055626028309

## Technical data

### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	Crimp connection
Type of contact	Crimp contacts
Conductor cross section	0.1 mm <sup>2</sup> ... 0.2 mm <sup>2</sup> (flexible)
Connection cross section AWG	24 ... 27 (flexible)
External cable diameter	5 mm ... 8.5 mm
Cable outlet	straight
Color	black
Degree of protection	IP67
Type	RJ45, IP67, version 6
No. of cable outlets	1

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
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### Material data

Flammability rating according to UL 94	V0
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## Technical data

### Material data

Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold
O-ring material	FPM
Cable seal material	NBR
Height	53 mm

### Electrical characteristics

Number of positions	8
Nominal voltage $U_N$	72 V (DC)
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT6
GRP transmission properties	CAT6 CAT6
Transmission speed	1 Gbps (250 MHz)
Frequency range	to 250 MHz
Rated current	1 A
Overvoltage category	I
Degree of pollution	2
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

## RJ45 connector - CUC-V06-C1PBK-S/R4CE8:1 - 1414408

### Approvals

EAC



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