

RJ45 connector - CUC-V06-C1PBK-S/R4CEA:1 - 1414410

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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 028323
GTIN	4055626028323

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 1000
Connection method	Crimp connection
Type of contact	Crimp contacts
Conductor cross section	0.1 mm ² ... 0.2 mm ² (stranded)
Connection cross section AWG	24 ... 27 (stranded)
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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Technical data

Material data

Flammability rating according to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold
O-ring material	FPM
Cable seal material	NBR

Electrical characteristics

Number of positions	8
Nominal voltage U_N	50 V
Nominal current I_N	1.75 A
Transmission characteristics (category)	CAT6 _A
GRP transmission properties	CAT6 _A
Transmission speed	10 Gbps (500 MHz)
Frequency range	to 500 MHz
Rated current	1 A
Overvoltage category	I
Degree of pollution	2
Rated voltage (III/3)	125 V

Standards and Regulations

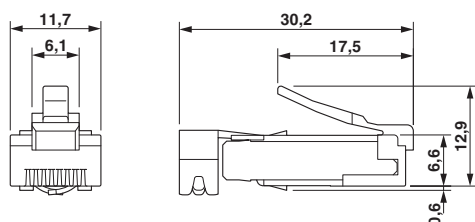
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

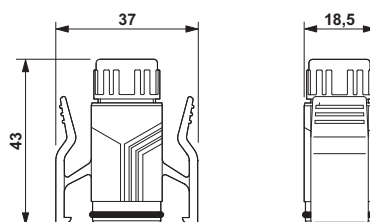
Drawings

Dimensional drawing



Male insert

Dimensional drawing



RJ45 sleeve housing IP67

Approvals

Approvals

RJ45 connector - CUC-V06-C1PBK-S/R4CEA:1 - 1414410

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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