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## RJ45 connector - CUC-STD-C1PGN-S/R4EA:1 - 1414402


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RJ45 connector, Degree of protection: IP20, Number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Material: PA, Connection method: IDC connection technology, Connection cross section: AWG 24-27, Cable exit: straight



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 028248
GTIN	4055626028248
Sales Key	ABNAAA

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection technology
Type of contact	Crimp contacts
Conductor cross section	0.1 mm <sup>2</sup> ... 0.2 mm <sup>2</sup> (stranded)
Connection cross section AWG	24 ... 27 (stranded)
External cable diameter	7 mm
Cable exit	straight
Color	green
Degree of protection	IP20
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	V2
Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold

#### Electrical characteristics

Number of positions	8
Nominal voltage $U_N$	50 V
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT6 <sub>A</sub>
GRP transmission properties	CAT6 <sub>A</sub>
Transmission speed	10 Gbps (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	V2
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#### Environmental Product Compliance

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

### Approvals

#### Approvals

Approvals

EAC

Ex Approvals

#### Approval details

EAC		B.01742
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