CUC-I-J1ZNI-S/R4IDC8 - RJ45 jack insert

1417274

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RJ45 jack insert, RJ45, Ethernet, CAT6$_A$ (10 Gbps), 8-position, connection method: IDC connection, material: Metal, connection cross section: AWG 26- 22, degree of protection: IP20, Adapter-free design

Your advantages

- Assembly without special tools
- Compact design
- Rugged design

Commercial data

Item number	1417274
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACA
GTIN	4055626251424
Weight per piece (including packing)	19.3 g
Weight per piece (excluding packing)	19.118 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Product properties

Product type	Female insert
Type	RJ45
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Number of slots	1
Protective cover	yes
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	III

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Frequency range	500 MHz
Insulation resistance	> 500 MΩ (100 V DC)
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	$CAT6_A$
Power transmission	PoE+

Connection data

Connection technology

Connection method	IDC connection

Interfaces

Signal type/category	Ethernet $CAT6_A$, 10 Gbps

Material specifications

Housing material	Metal
Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PC
Material, protective cover	PC

Cable/line

External cable diameter	4.5 mm ... 9 mm
Wire diameter	0.4 mm ... 0.65 mm

Wire diameter including insulation	0.8 mm ... 1.6 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Mounting

Mounting type	Snap in

Approvals

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cUL Recognized
Approval ID: E335024-DUXR8

UL Recognized
Approval ID: E335024-DUXR2

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440318

ETIM

ETIM 10.0	EC002597

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	1.449 kg CO2e

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