

1608113

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT6, material: Metal, connection method: IDC fast connection, cable outlet: straight, color: silver, Ethernet

Commercial data

Item number	1608113
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAB
GTIN	4046356159951
Weight per piece (including packing)	70 g
Weight per piece (excluding packing)	68.5 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Shielded	yes
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
Nominal voltage U_N	48 V
Nominal current I_N	1 A
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT6
Transmission speed	1 Gbps

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	24 (solid) 26 ... 25 (flexible)
Conductor cross section	0.2 mm ² (solid) 0.14 mm ² ... 0.18 mm ² (flexible)

Dimensions

Width	22 mm
Height	30 mm
Length	57.7 mm

Material specifications

Color	silver
Material	Metal
Flammability rating according to UL 94	V0
Housing material	Metal

VS-PPC-C1-RJ45-MNNA-PG9-8I6 - RJ45 connector



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Housing surface material	nickel-plated
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC
O-ring material	NBR

Cable/line

External cable diameter	5 mm ... 8 mm
Cable cross section	0.14 mm ²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C

Standards and regulations

Standards/specifications	IEC PAS 61076-3-117
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Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440290

ETIM

ETIM 9.0	EC002943
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	f2894bc8-f16f-46ba-b1ed-5bbd879c03df

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