

# VS-PPC-C1-RJ45-POBK-8I10G - RJ45 connector



1422205

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: Plastic, connection method: Crimp connection, connection cross section: AWG 27- 24, cable outlet: straight, color: black, Ethernet

## Commercial data

Item number	1422205
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAB
GTIN	4046356571999
Weight per piece (including packing)	30.4 g
Weight per piece (excluding packing)	29.6 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Data connector (cable side)
Type	RJ45
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	10 Gbps
Transmission characteristics (category)	CAT6 <sub>A</sub>
Transmission speed	10 Gbps

### Connection data

#### Connection technology

Connection method	Crimp connection
Connection cross section AWG	27 ... 24 (flexible)
Conductor cross-section	flexible

### Interfaces

Signal type/category	Ethernet CAT6 <sub>A</sub> , 10 Gbps
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### Dimensions

Width	22 mm
Height	30 mm
Length	57.7 mm

### Material specifications

Color	black
Housing material	Plastic

### Cable/line

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Signal type/category	Ethernet CAT6 <sub>A</sub> , 10 Gbps
External cable diameter	5 mm ... 8 mm
Cable cross section	0.14 mm <sup>2</sup>

## 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)	-25 °C ... 60 °C

## Standards and regulations

Standards/specifications	IEC PAS 61076-3-117
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## Classifications

### ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

### ETIM

ETIM 10.0	EC002636
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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	673ec16f-b3d6-440a-ace2-55ae82a220b6

### EF3.1 Climate Change

CO2e kg	0.676 kg CO2e
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