

RJ45 connector - VS-08-RJ45-5-Q/IP20 - 1656725

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RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic grey A RAL 7042, Ethernet

Your advantages

- assembly without special tools
- UL
- GL
- Solid and stranded wires (1- and 7-wire)



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 030045
GTIN	4046356030045
Weight per Piece (excluding packing)	10.500 g
Custom tariff number	85366990
Country of origin	Switzerland
Sales Key	ABNAAA

Technical data

Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	4.5 mm
Maximum external conductor diameter	8 mm
Overvoltage category	I
AWG solid min.	26
AWG solid max.	23
AWG multi-stranded min.	26
AWG multi-stranded max.	23

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Technical data

Mechanical characteristics

Insertion/withdrawal cycles	≥ 1000
Number of positions	8
Degree of pollution	1
Cable outlet	straight
No. of cable outlets	1
Locking type	Locking clips
Conductor cross section	0.13 mm ² ... 0.25 mm ² (solid)
	0.14 mm ² ... 0.25 mm ² (flexible)
Weight	10.5 g
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
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Material data

Contact surface material	Au/Ni
Contact material	Cu/Sn
Contact carrier material	PC
Cable gland material	PA
Housing material	PA
Width	14 mm
Height	14.6 mm
Length	56 mm
Housing surface material 1	PA, light gray

Electrical characteristics

Number of positions	8
Nominal voltage U_N	48 V
Nominal current I_N	1.75 A
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps
Frequency range	to 100 MHz
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	1
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

Flammability rating according to UL 94	V0
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Technical data

Environmental Product Compliance

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

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