



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**VS-08-RJ45-5-Q/IP20**

Order No.: 1656725


<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1656725>

RJ45 connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 26 ... 22, for cable diameter of 4.5 mm ... 8.0 mm, TIA 568 B labeling, color: gray

**Ethernet****Product notes**

WEEE/RoHS-compliant since:  
01/01/2003



Commercial data	
GTIN (EAN)	 4 046356 030045
sales group	D512
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 192 (PC-2009)

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Mechanical characteristics**

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 1000
Type of connection	IDC fast connection

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Conductor cross-section	0.13 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)
	0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (7-wire)
Connection cross-section AWG	26 ... 22 (solid)
	26 ... 22 (7-wire)
External cable diameter	4.5 mm ... 8 mm
Cable exit	Straight
Color	Military gray RAL 7042
Ambient temperature (operation)	-20 °C ... 70 °C

**Material data**

Inflammability class acc. to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Degree of protection	IP20

**Electrical characteristics**

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Rated current	1.75 A
Surge voltage category	I
Pollution degree	1

**Certificates / Approvals**



Certification

CUL Listed, GL, UL Listed

### Accessories

Item Designation Description

#### Marking

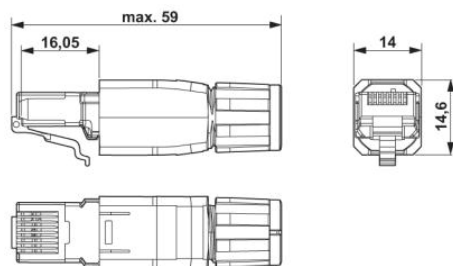
1658202	VS-08-RJ45-Q-COD-BK	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Black
1658147	VS-08-RJ45-Q-COD-BN	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Brown
1658134	VS-08-RJ45-Q-COD-BU	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Blue
1658176	VS-08-RJ45-Q-COD-GN	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Green
1658163	VS-08-RJ45-Q-COD-GY	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Gray
1658189	VS-08-RJ45-Q-COD-RD	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Red
1656893	VS-08-RJ45-Q-COD-SET	Coding set, for color encoding of the RJ45 QUICKON connector, consisting of 80 color rings, 10 rings each in the colors: white, blue, red, green, yellow, violet, brown, gray
1658192	VS-08-RJ45-Q-COD-VT	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Violet
1658150	VS-08-RJ45-Q-COD-YE	Coding rings, for color coding of the RJ45 QUICKON plug connector, consisting of 10 color rings, color: Yellow

#### Tools

1657407	VS-CABLE-STRIP-VARIO	Stripping tool, for the multi-level stripping of shielded cables
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### Diagrams/Drawings

Dimensioned drawing

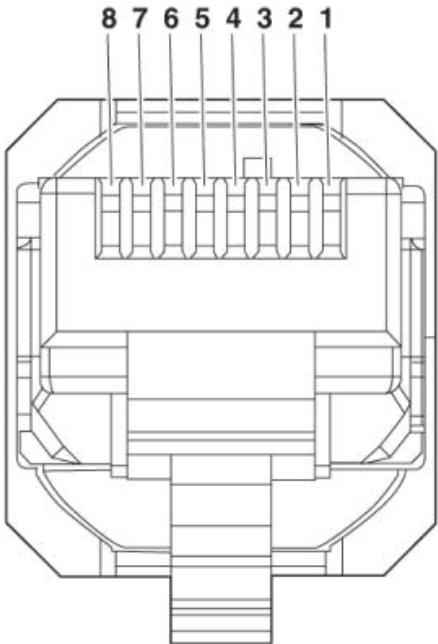


RJ45 plug connector, IP20



Schematic diagram

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