

# RJ45 male insert - VS-08-RJ45-10G/C - 1418853


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Male insert RJ45, CAT6<sub>A</sub>, 10 Gigabit



## Key Commercial Data

Packing unit	5 STK
GTIN	 4 046356 536660
GTIN	4046356536660

## Technical data

### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection technology
Type of contact	Crimp contacts
Connection cross section AWG	24 ... 27 (flexible)
Cable outlet	straight
Color	yellow
Wire diameter including insulation	0.9 mm ... 1 mm
Insulation resistance	min. 100 MΩ (100 V DC)
Degree of protection	IP20
No. of cable outlets	1

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
---------------------------------	------------------

# RJ45 male insert - VS-08-RJ45-10G/C - 1418853

## Technical data

### Material data

Flammability rating according to UL 94	V2
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold
Height	12.9 mm

### Electrical characteristics

Number of positions	8
Nominal voltage $U_N$	50 V
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT6 <sub>A</sub>
GRP transmission properties	CAT6 <sub>A</sub> CAT6 <sub>A</sub>
Frequency range	to 500 MHz
Overvoltage category	I
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

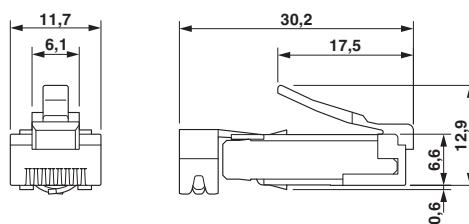
Flammability rating according to UL 94	V2
--	----

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



RJ45 male insert

## Approvals

Approvals

Approvals

EAC

## RJ45 male insert - VS-08-RJ45-10G/C - 1418853

### Approvals

Ex Approvals

---

#### Approval details

EAC		B.01742
-----	---	---------



---

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>