

## FEATURES

- 8P8C cable mount modular socket
- Suitable for Cat5e Ethernet Applications
- Compatible with RJ45 plugs
- Gold plated phosphor bronze contacts
- Fireproof ABS IL-94V0 connector body

## RS PRO, Female Cat5e RJ45 Connector

RS Stock No.: 791-8507



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

From RS PRO, this 8-pin RJ45 modular connector is a high-quality solution to network cable connections. The plug terminates easily to a stranded cable with a punch down system that ensures a neat and secure connection. It is panel mounting for a socket connection in Ethernet capable devices.

## General Specifications

<b>Ethernet Connector Type</b>	RJ45Connector
<b>Gender</b>	Female
<b>LAN Category</b>	Cat5e
<b>Number of Ways</b>	8P8C
<b>Connector Type</b>	Modular Jack
<b>Shield Type</b>	UTP
<b>Orientation</b>	Straight
<b>Flammability rating</b>	UL94V0
<b>Jack</b>	50 micro inches gold plated
<b>PCB</b>	FR-4 /UL-94O
<b>IDC Cap</b>	Fireproof PC
<b>IDC Body</b>	Fireproof ABS UL-94VO
<b>IDC Pin</b>	Phosphor Bronze & Tinned
<b>Applications</b>	Wireless outdoor AP, Outdoor LED and display lighting, Marine, Automotive, Military

**Electrical Specifications**

<b>Contact Resistance</b>	20mΩ
<b>Insulator Resistance</b>	500MΩ
<b>Current rating</b>	1.5A
<b>Dielectric Withstanding Voltage</b>	1000 VAC RMS @ 60Hz / 1 min
<b>DC Resistance</b>	0.1 ohms

**Mechanical Specifications**

<b>Mounting Type</b>	Cable Mount
<b>Length</b>	36.5mm
<b>Width</b>	16.6mm
<b>Depth</b>	22.3mm
<b>Jack Insertion Cycle</b>	Over 2000 Cycles (min.)
<b>IDC Punch Down Cycle</b>	Over 250 Cycles (min.)

**Operation Environment Specifications**

<b>Operating Temperature</b>	-40 to 70°C
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**Approvals**

<b>Compliance/Certifications</b>	ROHS Certificate Of Compliance
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Dimensions: (mm)

