

FEATURES

- Shielded male RJ45 connector
- 50 mm length
- 25.4 mm width
- Screw termination saves time during installation
- IP67 waterproof rating
- Suitable for a temperature range of -40°C to 80°C
- Gold-plated copper-alloy contacts
- Rugged plastic housing

RS PRO, Male Field RJ45 Connector

RS Stock No.: 111-6738



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

The RS PRO RJ45 connector is ideal for cable-mount applications and can handle a temperature range of -40°C to 80°C. The connector comes with an IP67 rating, which means it can withstand dusty, dirty and sandy conditions as well as immersion in water up to a depth of 1 metre for 30 minutes, making it suitable for marine applications. The copper-alloy contacts are gold plated to ensure excellent resistance to corrosion and rust. Part of the RS PRO series, this product is stringently tested for quality.

Part number 111-6738 – plastic IP67
 Part number 111-6742 – metal IP68
 Part number 111-6743 – full metal IP68

General Specifications

| | |
|--------------------------------|---------------------------------------------------------------------------------------------|
| Ethernet Connector Type | RJ45 Connector |
| Gender | Male |
| Number of Ports | 1 |
| Shield Type | Shielded |
| Orientation | Straight |
| Contact Material | Copper Alloy |
| Contact Plating | Aluminium |
| Housing | Rugged plastic |
| Colour | Black |
| Applications | Wireless outdoor AP, Outdoor LED and display lighting, Marine, Machine automation, Military |

Electrical Specifications

| | |
|---------------------------|------|
| Contact Resistance | 20Mo |
| Current rating | 1.5A |

Mechanical Specifications

| | |
|----------------------|--------------|
| Mounting Type | Cable Mount |
| Length | 50mm |
| Width | 25.4mm |
| Wire Size | 24 to 26 AWG |

Operation Environment Specifications

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|------------------------------|----------------|
| Operating Temperature | -40°C to +80°C |
|------------------------------|----------------|

Protection Category

| | |
|------------------|-------------|
| IP Rating | IP67 / IP68 |
|------------------|-------------|

Approvals

| | |
|----------------------------------|------------------------------------------------------|
| Compliance/Certifications | RoHS (Restriction of Hazardous Substances) compliant |
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