

RRE8F-Z

Female RJ45 receptacle with a front-mountable D-Size flange, gold plated contacts and IP65 rating to optimally protect your device or equipment from water ingress.





Features & Benefits

- D-shape metal flange
- IP65 rated outdoor protection when mated with related REAN IP65 connector or when covered with rubber cap
- UL94 V-0 rated materials
- Unique unified Rubber Cap & gasket design for providing more reliable protection functionality and an easier installation with device pane

Article Variations

| Article Name | Details | Packaging |
|-----------------|---|--------------------|
| RRE8F-Z-000-0/1 | Chrome plated housing, RJ45 Feedthrough | BULK / Plastic Bag |
| RRE8F-Z-001-0/1 | Black plated housing, RJ45 Feedthrough | BULK / Plastic Bag |

Technical Information

| Product | |
|------------------------|---------------------|
| Title | RRE8F-Z |
| Connection Type | Ethernet Receptacle |
| Gender | Female |

| Electrical | |
|----------------------------------|------------------|
| Contact resistance | ≤ 100 mΩ |
| Dielectric strength | 1 kVdc |
| Frequency range | 1 – 100 MHz |
| Insulation resistance | > 5 GΩ (initial) |
| Rated current per contact | 1.5 A |
| Rated voltage | < 50 V |
| Transmission performance | CAT 5E |

| Mechanical | |
|---------------------------|----------------------|
| Insertion force | ≤ 60 N |
| Withdrawal force | ≤ 60 N |
| Lifetime | > 1000 mating cycles |
| Wiring | Feedthrough |
| Locking device | Latch lock |
| Mounting direction | Front mounting |
| Chassis shape | D |

| Material | |
|------------------------|------------------------------|
| Contact plating | AU |
| Contacts | Phosphor bronze |
| Insert | Polyamide (UL94-V0) |
| Locking element | Spring steel |
| Shell | Zinc diecast |
| Shell Plating | Chrome (-000) / Black (-001) |

Environmental

| | |
|----------------------------|--|
| Flammability | UL 94-V0 |
| Protection class | IP65 (Mated or closed with rubber cap) |
| Standard compliance | TIA/EIA 586B, IEC 11801 |
| Temperature range | -20 °C to +70 °C |