

## RRE8F-Z-012

RJ45 Horn type receptacle , D-shape metal flange with latch lock

IP65 rating to optimally protect your device or equipment from water ingress. Airtight feature protect your device from Air ingress.





## Features and benefits

- ✓ The RJ45 system for harsh and demanding environment
- ✓ Airtight protection suitable for stage lighting application
- ✓ IP65 protection when mating with REAN Z series connector or rubber cap closed
- ✓ UL94 V-0 rated materials
- ✓ Rugged diecast shell with fashionable black plating
- ✓ IP67 protection to prevent water intrusion into the device interior

## Article Variations

Article Name	Details	Packaging
RRE8F-Z-012-0/1	Black plated housing, horn type receptacle	BULK / Plastic Bag

## Technical Information

### Product

Title	RRE8F-Z-012
Connection type	Ethernet Receptacle
Gender	Female

### Electrical

Contact resistance	<100 mΩ
Dielectric strength	1 kVdc
Insulation resistance	> 0.5 GΩ
Rated current per contact	1.5 A
Rated voltage	< 57 V
Power over Ethernet	PoE++ acc. IEEE 802.3bt

### Mechanical

Insertion force	≤ 60 N
Withdrawal force	≤ 60 N
Lifetime	> 1000 mating cycles
Panel thickness	9.5mm
Locking device	Latch lock
Wiring	2.54mm Box Header 2x4 PIN
Chassis shape	See drawing
Panel Cutout	D

**Material**

Contact plating	Gold plating
Contacts	Bronze
Shell	Zinc
Insert	PA66
Shell plating	Black plating

**Environmental**

Flammability	UL94 V-0
Standard compliance	TIA/EIA 586B, IEC11801
Protection class	IP65 and Airtight
Temperature range	-30 °C to +80 °C