

## RRE8F-Z-111S

RJ45 Feedthrough receptacle , 90°UP, D-shape metal flange without latch lock

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





## Features & Benefits

- ✓ Robust design to withstand harsh environments and frequent use, ensuring long-lasting performance
- ✓ The release latch function on the connector side makes it easy to connect and disconnect the RJ45 system, saving time and effort
- ✓ IP65 protection when mating with REAN Z series corresponding Ethernet connector or rubber cap closed
- ✓ Network performance of Cat5e
- ✓ UL94 V-0 rated materials
- ✓ Rugged diecast shell with fashionable black plating
- ✓ Sealed chassis protects internal components and host devices from water damage, ensuring reliable and cost-effective performance in challenging environments

## Article Variations

Article Name	Details	Packaging
RRE8F-Z-111S-0	Black plated housing, RJ45 feedthrough , 90°UP	BULK
RRE8F-Z-111S-CR-0	Chrome plated housing, RJ45 feedthrough , 90°UP	BULK

## Technical Information

### Product

Title	RRE8F-Z-111S
Connection type	Ethernet Receptacle
Gender	Female

### Electrical

Contact resistance	<100 mΩ
Dielectric strength	1 kVdc
Frequency range	1 – 100 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1.5 A
Rated voltage	< 50 V
Transmission performance	CAT 5e

## Mechanical

Insertion force	$\leq 80 \text{ N}$
Withdrawal force	$\leq 30 \text{ N}$
Lifetime	> 1000 mating cycles
Panel thickness	10mm
Locking device	Latch lock
Wiring	Feedthrough 90°UP
Chassis shape	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