

## RRE8F-Z-112

RJ45 Horn type receptacle , D-shape metal flange without latch lock

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



## Features & Benefits

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

## Article Variations

Article Name	Details	Packaging
RRE8F-Z-112-0	Black plated housing, horn type receptacle	BULK

## Technical Information

### Product

<b>Title</b>	RR8EF-Z-012
<b>Connection type</b>	Ethernet Receptacle
<b>Gender</b>	Female

### Electrical

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

### Mechanical

<b>Insertion force</b>	≤ 60 N
<b>Withdrawal force</b>	≤ 60 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Panel thickness</b>	10mm
<b>Locking device</b>	Latch lock
<b>Wiring</b>	2.54mm Box Header 2x4 PIN
<b>Chassis shape</b>	D

## Material

<b>Contact plating</b>	Gold plating
<b>Contacts</b>	Bronze
<b>Shell</b>	Zinc
<b>Insert</b>	PA66
<b>Shell plating</b>	Black plating

## Environmental

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

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