



## 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

<b>Title</b>	RRE8F-Z
<b>Connection Type</b>	Ethernet Receptacle
<b>Gender</b>	Female

### Electrical

<b>Contact resistance</b>	$\leq 100 \text{ m}\Omega$
<b>Dielectric strength</b>	1 kVdc
<b>Frequency range</b>	1 – 100 MHz
<b>Insulation resistance</b>	$> 5 \text{ G}\Omega$ (initial)
<b>Rated current per contact</b>	1.5 A
<b>Rated voltage</b>	$< 50 \text{ V}$
<b>Transmission performance</b>	CAT 5E

### Mechanical

<b>Insertion force</b>	$\leq 60 \text{ N}$
<b>Withdrawal force</b>	$\leq 60 \text{ N}$
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Wiring</b>	Feedthrough
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Front mounting
<b>Chassis shape</b>	See drawing
<b>Panel Cutout</b>	D

## Material

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

## Environmental

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

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