



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

Mechanical

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