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.







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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	Chrome plated housing, RJ45 Feedthrough	BULK
RRE8F-Z-001-0	Black plated housing, RJ45 Feedthrough	BULK

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Technical Information

Product	
Title	RRE8F-Z
Connection Type	Ethernet Receptacle
Gender	Female

Electrical	
Contact resistance	≤ 100 mΩ
Dielectric strength	1 kVdc
Frequency range	1 – 100 MHz
Insulation resistance	> 5 GΩ (initial)
Rated current per contact	1.5 A
Rated voltage	< 50 V
Transmission performance	CAT 5E

Mechanical	
Insertion force	≤ 60 N
Withdrawal force	≤ 60 N
Lifetime	> 1000 mating cycles
Wiring	Feedthrough
Locking device	Latch lock
Mounting direction	Front mounting
Chassis shape	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)

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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

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