RRE8F-Z-010

RJ45 Feedthrough receptacle，D-shape metal flange with latch lock

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

Features & Benefits

- ✓ The RJ45 system for harsh and demanding environment

- ✓ Airtight protection suitable for stage lighting application

- ✓ IP65 protection when mating with REAN Z series connector or rubber cap closed

- ✓ Network performance of Cat5e

- ✓ UL94 V-0 rated materials

- ✓ Rugged diecast shell with fashionable black plating

- ✓ IP67 protection to prevent water intrusion into the device interior

Article Variations

Article Name	Details	Packaging
RRE8F-Z-010-0/1	Black plated housing, RJ45 feedthrough	BULK / Plastic Bag

Technical Information

Product

Title	RR8EF-Z-010
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	< 57 V
Transmission performance	CAT 5e
Power over Ethernet	PoE++ acc. IEEE 802.3bt

Mechanical

Insertion force	≤ 60 N
Withdrawal force	≤ 60 N
Lifetime	> 1000 mating cycles
Panel thickness	9.5mm
Locking device	Latch lock
Wiring	Feedthrough
Chassis shape	See drawing
Panel cutout	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