



## RRX3MF-Z-012

XLR 3 pole female and male combination receptacle

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

Airtight feature protect your device from Air ingress

### Features & Benefits

- The XLR system for harsh and demanding environment
- IP65 protection when mating with REAN Z series XLR connector or rubber cap closed
- UL94 V-0 rated materials
- Airtight protection suitable for stage lighting application
- Advanced and Reliable Airtight design structure
- Rugged diecast shell with fashionable black plating

### Article Variations

Article Name	Details	Packaging
RRX3MF-Z-012-0/1	Black plated housing, gold plated contacts	BULK / Plastic Bag

## Technical Information

### Product

<b>Title</b>	RRX3MF-Z-012
<b>Connection type</b>	XLR Receptacle
<b>Gender</b>	Male/Female

### Electrical

<b>Contact resistance</b>	<5 mΩ
<b>Dielectric strength</b>	1.5 kVdc
<b>Insulation resistance</b>	> 5 GΩ
<b>Rated current per contact</b>	16 A
<b>Rated voltage</b>	< 50 V

### Mechanical

<b>Insertion force</b>	≤ 40 N
<b>Withdrawal force</b>	≤ 40 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Locking device</b>	Latch lock
<b>Mounting</b>	Front
<b>Chassis shape and Panel cutout</b>	See drawing
<b>Wiring</b>	vertical PCB mount

## 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>Protection class</b>	IP65 and Airtight
<b>Temperature range</b>	-30 °C to +80 °C