



## RCX3F-Z

3 pole female XLR cable connector with IP65 dust-water proof design.

## Features & Benefits

- ✓ IP65 rating provides outdoor protection under mated condition
- ✓ Chrome & Black plated with fashionable finish and better abrasion performance
- ✓ UL94 V-0 rated materials

## Article Variations

Article Name	Details	Packaging
RCX3F-Z-000-0/1	Chrome plated housing, tin plated contacts	BULK / Plastic Bag
RCX3F-Z-001-0/1	Black plated housing, tin plated contacts	BULK / Plastic Bag
RCX3F-Z-002-0/1	Black plated housing, gold plated contacts	BULK / Plastic Bag

## Technical Information

### Product

Title	RCX3F-Z
Connection Type	XLR
Gender	female

### Electrical

Contact resistance	$\leq 5 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (Initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$

### Mechanical

Cable O.D.	5.0 - 8.0 mm
Insertion force	$\leq 60 \text{ N}$
Withdrawal force	$\leq 60 \text{ N}$
Lifetime	$> 1000$ cycles
Wiresize	Max 1.5 mm <sup>2</sup>
Wiresize	Max 16 AWG
Wiring	Solder contacts
Locking device	Latch lock

Material	
Bushing	Polyamide
Contact plating	Tin (-000 & - 001) / AU (-002)
Contacts	Bronze
Insert	Polyamide (UL94-V0)
Locking element	Zinc diecast (latch)
Shell	Zinc diecast
Shell plating	Chrome (-000) / Black (-001 & -002)
Strain relief	Polyamide
Sealing jacket	Rubber

Environmental	
Flammability	UL 94-V0
Protection class	IP65 (Mated)
Standard compliance	IEC 61076-2-103
Solderability	Complies with IEC 68-2-20
Temperature range	-20 °C to +70 °C