

## 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

<b>Title</b>	RCX3F-Z
<b>Connection Type</b>	XLR
<b>Gender</b>	female

### Electrical

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

### Mechanical

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

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

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