

## 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

<b>Material</b>	
<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

<b>Environmental</b>	
<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