

# RCX5M-Z

5 pole male XLR cable connector with IP65 protection



## Article Variations

Article Name	Details	Packaging
RCX5M-Z-000-0/1	Chrome plated housing and tin plated contacts	BULK / Plastic Bag
RCX5M-Z-001-0/1	Black plated housing and tin plated contacts	BULK / Plastic Bag
RCX5M-Z-002-0/1	Black plated housing and gold plated contacts	BULK / Plastic Bag

## Technical Information

### Product

<b>Title</b>	RCX5M-Z
<b>Connection Type</b>	XLR
<b>Gender</b>	Male

### 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>	7.5 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. 1.0 mm <sup>2</sup>
<b>Wiresize</b>	Max. 18 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock

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

# Mouser Electronics

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