

RCX3M-Z

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



Features and 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 |
|-----------------|--|--------------------|
| RCX3M-Z-000-0/1 | Chrome plated housing, tin plated contacts | BULK / Plastic Bag |
| RCX3M-Z-001-0/1 | Black plated housing, tin plated contacts | BULK / Plastic Bag |
| RCX3M-Z-002-0/1 | Black plated housing, gold plated contacts | BULK / Plastic Bag |

Technical Information

Product

| | |
|------------------------|---------|
| Title | RCX3M-Z |
| Connection Type | XLR |
| Gender | male |

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 ² |
| Wiresize | Max. 16 AWG |
| Wiring | Solder contacts |
| Locking device | 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 |

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 |

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