



NC5MX-TOP

DISCONTINUED. SEE NC5MX1-TOP

5 pole male cable connector, TRUE OUTDOOR PROTECTION (TOP), gold contacts

The X-TOP series is a "heavy-duty" XLR cable connector for outdoor use. IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range

Features & Benefits

- ✓ Heavy-duty sealed XLR connector range for harsh and demanding environment
- ✓ IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range
- ✓ Uses high impact UV-resistant materials

Technical Information

| Product | |
|-----------------|-----------|
| Title | NC5MX-TOP |
| Connection Type | XLR |
| Gender | male |

| Electrical | |
|------------------------------|-------------------|
| Capacitance between contacts | ≤ 4 pF |
| Contact resistance | ≤ 3 mΩ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 10 GΩ (initial) |
| Rated current per contact | 7.5 A |
| Rated voltage | < 50 V |

| Mechanical | |
|------------------|----------------------|
| Cable O.D. | 5.0 - 8.0 mm |
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | > 1000 mating cycles |
| Wiresize | max. 1.0 mm² |
| Wiresize | max. 18 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |

| Material | |
|-----------------|-----------------------------------|
| Bushing | UV-resistant rubber |
| Contact plating | 0.2 µm Au hard alloy over 2 µm Ni |
| Contacts | Brass (CuZn39Pb3) |
| Insert | Polyamide (PA 66) |
| Locking element | Stainless steel |
| Shell | Stainless steel |
| Strain relief | Polyacetal (POM) |

| Environmental | |
|---------------------|---------------------------|
| Approvals | UL |
| Flammability | UL 94 V-0 |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP65 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |

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