



# NC5FX1-TOP-14

5 pole female cable connector for 8 mm - 10 mm cable O.D., TRUE OUTDOOR PROTECTION (TOP), gold contacts

The X-TOP series is a "heavy-duty" XLR cable connector for outdoor use. Outdoor protected by mating with related cable connector of the XLR TOP range (IP65).

Gold contacts are standard.

## Features & Benefits

- Heavy-duty sealed XLR connector range for harsh and demanding environment
- Outdoor protection according to IP65
- Uses high impact UV resistant materials
- TOP-Approved in consideration of UL50E

## Technical Information

| Product | |
|---|---|
| Title | NC5FX1-TOP-14 |
| Connection Type | XLR |
| Gender | female |


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| Electrical | |
|---|---|
| Capacitance between contacts | ≤ 4 pF |
| Contact resistance | ≤ 3 mΩ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 10 GΩ (initial) |
| Rated current per contact | 16 A |
| Rated voltage | < 50 V |

| Mechanical | |
|---|---|
| Cable O.D. | 8.0 - 10.0mm |
| 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 |


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| Material | |
|---|---|
| Bushing | UV-resistant rubber |
| Contact plating | Gold (Au) over Nickel (Ni) |
| Contacts | Brass (CuZn39Pb3) |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | St3K32 (latch) / Ck 67 (spring) |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |
| Strain relief | Polyacetal |
| Sealing jacket | UV-resistant rubber |

| Environmental | |
|---|---|
| Approvals | UL |
| Flammability | UL 94 HB |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP65, UL50E enclosure type 4 (mated) |
| Solderability | Complies with IEC 60068-2-20 |
| Temperature range | -30 °C to +80 °C |


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