



NC4FX-TOP

4 pole female cable connector, 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
- ✓ IEC 61984 certified

Technical Information

| Product | |
|-----------------|-----------|
| Title | NC4FX-TOP |
| Connection Type | XLR |
| Gender | Female |

| Electrical | |
|---------------------------|---------------------------------|
| Contact resistance | $\leq 3\text{ m}\Omega$ |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | $> 10\text{ G}\Omega$ (initial) |
| Rated current per contact | 10 A |
| Rated voltage | 50 V |

| Mechanical | |
|------------------|------------------------|
| Cable O.D. | 5.0 – 8.0 mm |
| Insertion force | $\leq 20\text{ N}$ |
| Withdrawal force | $\leq 20\text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiresize | $< 2.5\text{mm}^2$ |
| | 16 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |

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

| Environmental | |
|--------------------------------------|------------------|
| Flammability acc. to UL94 | V-0 (insert) |
| Standard compliance | IEC 61076-2-103 |
| Protection class acc. IEC 60529 | IP65 (mated) |
| Solderability acc. to | IEC 60068-2-20 |
| Temperature range | -30 °C to +80 °C |
| Pollution degree acc. to IEC 60664-1 | II |