

NC3FX

## 3 POLE FEMALE CABLE CONNECTOR WITH NICKEL HOUSING AND SILVER CONTACTS

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The "industry standard" XLR cable connector, easy to assemble with only 4 parts and no screws. Compact design with sturdy diecast shell, fibreglass reinforced hard plastic insert and chuck type strain relief for secure clamping of all cables.



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## PRODUCT DETAILS

### KEY FEATURES

- Rugged zinc diecast shell, long lasting and durable
- Chuck type strain relief system for secure clamping of cables
- Boot with rubber gland gives high protection against bending stresses
- Coloured rings and boots available for coding and marking
- UL recognized components

### SPECIFICATIONS

|                              |                      |
|------------------------------|----------------------|
| Connection Type              | XLR                  |
| Gender                       | female               |
| Capacitance between contacts | = 4 pF               |
| Contact resistance           | less than 3 mohm     |
| Dielectric strength          | 1,5 kVdc             |
| Insulation resistance        | > 10 Gohm (initial)  |
| Rated current per contact    | 16 A                 |
| Rated voltage                | 50 V                 |
| Cable O.D.                   | 3.5 - 8.0 mm         |
| Insertion force              | = 20 N               |
| Withdrawal force             | = 20 N               |
| Lifetime                     | > 1000 mating cycles |

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|                          |                                 |
|--------------------------|---------------------------------|
| <b>Wiresize</b>          | max. 2.5 mm <sup>2</sup>        |
| <b>Wiresize</b>          | max. 14 AWG                     |
| <b>Wiring</b>            | Solder contacts                 |
| <b>Locking device</b>    | Latch lock                      |
| <b>Boot</b>              | Polyurethan                     |
| <b>Contact plating</b>   | 2 µm Ag over 2 µm Ni            |
| <b>Contacts</b>          | Bronze (CuSn8)                  |
| <b>Insert</b>            | Polyamide (PA 6.6 30 % GR)      |
| <b>Locking element</b>   | St3K32 (latch) / Ck 67 (spring) |
| <b>Shell</b>             | Zinc diecast (ZnAl4Cu1)         |
| <b>Shell plating</b>     | Nickel                          |
| <b>Strain relief</b>     | Polyacetal (POM)                |
| <b>Temperature range</b> | -30 °C to +80 °C                |