



# NC3FM-C

World's first 3 pole unisex XLR cable connector

## Features & Benefits

- ✓ World's first unisex XLR
- ✓ 3 pole male and female cable connector in one housing
- ✓ Easy selectable gender - converted by sliding housing back and forth
- ✓ Substitute adapters, ideal as an emergency kit
- ✓ With all benefits of the XLR XX series

## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | NC3FM-C |
| Connection Type | XLR     |
| Gender          | female  |

| Electrical                   |                                |
|------------------------------|--------------------------------|
| Capacitance between contacts | $\leq 4\text{ pF}$             |
| Contact resistance           | $\leq 3\text{ m}\Omega$        |
| Dielectric strength          | 1,5 kVdc                       |
| Insulation resistance        | $> 2\text{ G}\Omega$ (initial) |
| Rated current per contact    | 16 A                           |
| Rated voltage                | $< 50\text{ V}$                |

| Mechanical       |                        |
|------------------|------------------------|
| Cable O.D.       | 3.5 - 8.0 mm           |
| Insertion force  | $\leq 20\text{ N}$     |
| Withdrawal force | $\leq 20\text{ N}$     |
| Lifetime         | $> 1000$ mating cycles |
| Wiresize         | max. $2.5\text{ mm}^2$ |
| Wiresize         | max. 14 AWG            |
| Wiring           | Solder contacts        |
| Locking device   | Latch lock             |

| Material        |                                          |
|-----------------|------------------------------------------|
| Boot            | Polyurethan                              |
| Contact plating | 0.2 µm Au                                |
| Contacts        | Brass (CuZn39Pb3) male                   |
| Insert          | Polyamide (PA 6.6 30 % GR)               |
| Locking element | Zinc diecast (ZnAl4Cu1) / Ck 67 (spring) |
| Shell           | Zinc diecast (ZnAl4Cu1)                  |
| Shell plating   | Nickel                                   |
| Strain relief   | Polyacetal (POM)                         |

| Environmental       |                           |
|---------------------|---------------------------|
| Flammability        | UL 94 HB                  |
| Standard compliance | IEC 61076-2-103           |
| Protection class    | IP 40                     |
| Solderability       | Complies with IEC 68-2-20 |
| Temperature range   | -30 °C to +80 °C          |