# NC7MX

**PHASE OUT**

direct replacement / successor: NC7MXX

7 pole male cable connector with Nickel housing and silver contacts.

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.

## Features & Benefits

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


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# Technical Information

| Product | |
|---|---|
| **Title** | NC7MX |
| **Connection Type** | XLR |
| **Gender** | male |

| Electrical | |
|---|---|
| **Capacitance between contacts** | ≤ 9 pF |
| **Contact resistance** | ≤ 3 mΩ |
| **Dielectric strength** | 1,5 kVdc |
| **Insulation resistance** | > 10 GΩ (initial) |
| **Rated current per contact** | 5 A |
| **Rated voltage** | < 50 V |

| Mechanical | |
|---|---|
| **Cable O.D.** | 3.5 - 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 |


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## Material

| | |
|---|---|
| **Boot** | Polyurethan |
| **Contact plating** | 2 µm Ag over 2 µm Ni |
| **Contacts** | Brass (CuZn39Pb3) |
| **Insert** | Polyamide (PA 6.6 30 % GR) |
| **Locking element** | Zinc diecast (ZnAl4Cu1) |
| **Shell** | Zinc diecast (ZnAl4Cu1) |
| **Shell plating** | Nickel |
| **Strain relief** | Polyacetal (POM) |

## Environmental

| | |
|---|---|
| **Approvals** | UL |
| **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 |


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