



# NC3MXX-BAG

3 pole male cable connector with black metal housing and silver contacts.

The next generation of the worldwide accepted standard of XLR cable connectors. The successor of the X series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief.

## Features & Benefits

- ✓ Male connector with improved locking recess without "window", more stringent housing increases durability
- ✓ Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- ✓ Boot with polyurethane gland gives high protection to cable bending stresses
- ✓ Colored rings and boots available for coding or identification
- ✓ Sleek and ergonomic design - valuable and handy
- ✓ Rugged zinc diecast shell, longlasting and dependable
- ✓ Internal thread on shell is well protected against any damage

## Technical Information

| Product         |            |
|-----------------|------------|
| Title           | NC3MXX-BAG |
| Connection Type | XLR        |
| Gender          | male       |

| 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.       | 3.5 - 8.0 mm         |
| Insertion force  | ≤ 20 N               |
| Withdrawal force | ≤ 20 N               |
| Lifetime         | > 1000 mating cycles |
| Wiresize         | max. 2.5 mm²         |
| Wiresize         | max. 14 AWG          |
| Wiring           | Solder contacts      |
| Locking device   | Latch lock           |

| Material        |                         |
|-----------------|-------------------------|
| Boot            | Polyurethan             |
| Contact plating | 2 µm Ag                 |
| Contacts        | Brass (CuZn39Pb3)       |
| Insert          | Polyamide (PA66)        |
| Locking element | Zinc diecast (ZnAl4Cu1) |
| Shell           | Zinc diecast (ZnAl4Cu1) |
| Shell coating   | Black KTL               |
| Strain relief   | Polyacetal (POM)        |

| Environmental       |                           |
|---------------------|---------------------------|
| Flammability        | UL 94 V-0                 |
| Standard compliance | IEC 61076-2-103           |
| Protection class    | IP 40                     |
| Solderability       | Complies with IEC 68-2-20 |
| Temperature range   | -30 °C to +80 °C          |