



## NC3MXX-14-B

3 pole male cable connector for 8 mm - 10 mm cable O.D. with black metal housing and gold contacts

Special version of the XLR cable connector XX Series for large cable diameters. Incorporating all features of the XX Series.

## Features & Benefits

- ✓ Unique cage design of female contact for low contact resistance and high integrity
- ✓ Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- ✓ Female connector with improved solid metal latch which is larger and easier to handle
- ✓ Additional ground spring contacts for better shell ground continuity
- ✓ 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

## Technical Information

| Product |             |
|---------|-------------|
| Title   | NC3MXX-14-B |
| Gender  | male        |

| Electrical                   |                                  |
|------------------------------|----------------------------------|
| Capacitance between contacts | $\leq 4 \text{ pF}$              |
| Contact resistance           | $\leq 3 \text{ m}\Omega$         |
| Dielectric strength          | 1,5 kVdc                         |
| Insulation resistance        | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact    | 16 A                             |
| Rated voltage                | $< 50 \text{ V}$                 |

| Mechanical       |                         |
|------------------|-------------------------|
| Cable O.D.       | 8 mm - 10 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             |

| Material      |           |
|---------------|-----------|
| Shell coating | Black KTL |

| Environmental       |                  |
|---------------------|------------------|
| Flammability        | UL 94 V-0        |
| Standard compliance | IEC 61076-2-103  |
| Temperature range   | -30 °C to +80 °C |