



NC3FXX-14

3 pole female cable connector for 8 mm - 10 mm cable O.D. with Nickel housing and silver 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 connector with improved solid metal latch which is larger and easier to handle
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Colored rings and boots available for coding or identification
- Rugged zinc diecast shell, longlasting and dependable
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- Additional ground spring contacts for better shell ground continuity
- Boot with polyurethane gland gives high protection to cable bending stresses
- Sleek and ergonomic design - valuable and handy

Technical Information

| Product | |
|---------|-----------|
| Title | NC3FXX-14 |
| Gender | female |

| 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 mm ² |
| Wiresize | max. 14 AWG |

| Environmental | |
|---------------------|------------------|
| Standard compliance | IEC 61076-2-103 |
| Temperature range | -30 °C to +80 °C |