



NC3FXX-HA

3 pole female cable connector with Nickel housing, silver contacts and crimp termination (standard B crimp).

Special version of the XLR cable connector XX Series with crimp terminals.

Features & Benefits

- ✓ Unique cage design of female contact for low contact resistance and high integrity
- ✓ Crimp termination with standard B-crimp tool (B-crimp acc. IEC 60352-2)
- ✓ Gastight and Solderless connection (RoHS compliant)
- ✓ 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 | NC3FXX-HA |
| 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 | $> 10 \text{ G}\Omega$ (initial) |
| Rated current per contact | 1 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 | 0.22 - 0.34 mm ² |
| Wiresize | 24 - 22 AWG |
| Wiring | Crimp contacts |
| Locking device | Latch lock |

| Material | |
|-------------------------|--|
| Boot | Polyurethan |
| Contact plating | 2 µm Ag |
| Contacts | Bronze (CuSn8) |
| Insert | Polyamide (PA66) |
| Locking element | Zinc diecast (ZnAl4Cu1) / Ck 67 (spring) |
| Locking element plating | Nickel |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |
| 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 |