

# NC3FXX-B Datasheet

## DESCRIPTION:

The Sescom NC3FXX-B-XX are customized female Neutrik 3-pin XLR connectors featuring laser-engraved numbering. These individually numbered Neutrik connectors provide easy channel identification and cable management. Ideal for live sound, studio use, and any setup that requires clearly labeled and rugged connectors. Available as singles or in kits.

## FEATURES:

- Laser-engraved numbering for easy channel identification
- Rugged zinc diecast shell ensures long-lasting reliability and performance
- Ergonomic design is both practical and aesthetically appealing
- Integrated solder barrier prevents solder flow into the contact mating area
- Polyurethane boot gland offers excellent protection against cable bending stress



NC3FXX-B  
Numbered 1 through 48



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## SPECIFICATIONS:

**Neutrik 3-Pin XLR Connectors:**

- **Capacitance Between Contacts:**  $\leq 4 \text{ pF}$
- **Contact Resistance:**  $\leq 3 \text{ m}\Omega$
- **Dielectric Strength:** 1.5 kVdc
- **Insulation Resistance:**  $> 10 \text{ G}\Omega$
- **Rated Current Per Contact:** 16 A
- **Rated Voltage:**  $< 50 \text{ V}$
- **Cable O.D:** 0.13in – 0.31in (3.5mm - 8.0mm)
- **Insertion Force:**  $\leq 20 \text{ N}$
- **Withdrawal Force:**  $\leq 20 \text{ N}$
- **Lifetime:**  $> 1000$  mating cycles
- **Wire size:** max. 14 AWG
- **Wiring:** Solder Contacts
- **Locking Device:** Latch lock
- **Boot Material:** Polyurethane
- **Contact Plating Material:**  $0.2 \mu\text{m}$  Au hard alloy over  $2 \mu\text{m}$  Ni
- **Contact Material:** Bronze (CuSn8)
- **Insert Material:** Polyamide (PA66)
- **Locking Element Material:** Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
- **Locking Element Plating Material:** Nickel
- **Shell Material:** Zinc diecast (ZnAl4Cu1)
- **Shell Coating Material:** Black KTL
- **Strain Relief Material:** Polyacetal (POM)
- **Flammability:** UL 94 V-0
- **Standard Compliance:** IEC 61076-2-103
- **Protection Class:** IP 40
- **Solderability:** Complies with IEC 68-2-20
- **Temperature Range:** -22°F to 176°F (-30°C to +80°C)