Product Data Sheet

Neutrik NC3FD-LX-M3

Description

The Neutrik NC3FD-LX-M3 is a 3 pole female receptacle with solder cups, nickel housing, silver contacts and M3 mounting holes.

The DLX series features a compact all metal housing with an ingenious duplex ground contact, which offers excellent RF protection and shielding. It is the ideal match for mating with Neutrik's EMC XLR cable connector.

Product	SKU
NEUTRIK NC3FD-LX-M3	DA-65-5713

Key Benefits

- All metal housing offers best overall RF protection and electromagnetic shielding
- Duplex ground contact for excellent contact integrity between chassis and cable connector
- Unique cage type female contact on 3 pole version increases conductivity and reduces wear on the mated male contact
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- Larger solder contacts for easier termination
- Optional connection to easily join pin1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions

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Technical Specification

Neutrik NC3FD-LX-M3 Specification	
Connection type: XLR	**Mechanical**
Gender: female	**Insertion force:** ≤ 20 N
Electrical	**Withdrawal force:** ≤ 20 N
Capacitance between contacts: ≤ 4 pF	**Lifetime:** > 1000 mating cycles
Contact resistance: ≤ 5 mΩ	**Wiresize max.:** 2.5 mm², 14 AWG
Dielectric strength: 1.5 kVdc	**Wiring:** Solder contacts
Insulation resistance: > 10 GΩ (initial)	**Locking device:** Latch lock
Rated current per contact: 16 A	**Mounting direction:** Rear mounting
Rated voltage: <50 V	**Chassis shape:** D
Environmental	**Mounting:** Mounting holes with M3 threads
Flammability: UL 94 V-0	**Material**
Standard compliance: IEC 61076-2-103	**Contact plating:** 2 µm Ag over 2 µm Ni
Protection class: IP 40	**Contacts:** Bronze (CuSn6)
Solderability: Complies with IEC 68-2-20	**Insert:** Polyamide (PA66)
Temperature range: -30 °C to +80 °C	**Locking element:** Steel Ck67
	Shell: Zinc diecast (ZnAl4Cu1)
	Shell plating: Nickel