



## NC3FD-LX-BAG

3 pole female receptacle, solder cups, black metal housing, silver contacts

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.

## **Features & 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

## **Technical Information**



| Product         |              |
|-----------------|--------------|
| Title           | NC3FD-LX-BAG |
| Connection Type | XLR          |
| Gender          | female       |

## Electrical

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

| Mechanical       |                      |
|------------------|----------------------|
| Insertion force  | ≤ 20 N               |
| Withdrawal force | $\leq$ 20 N          |
| Lifetime         | > 1000 mating cycles |
| Wiresize         | max. 2.5 mm²         |
| Wiresize         | max. 14 AWG          |
| Wiring           | Solder contacts      |
| Locking device   | Latch lock           |
| Chassis shape    | D                    |



| Material                |                         |
|-------------------------|-------------------------|
| Contact plating         | 2 µm Ag                 |
| Contacts                | Bronze (CuSn6)          |
| Insert                  | Polyamide (PA66)        |
| Locking element         | Steel Ck67              |
| Locking element plating | Nickel                  |
| Shell                   | Zinc diecast (ZnAl4Cu1) |
| Shell coating           | Black KTL               |

| 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          |