



## NC3FD-LX-HA

3 pole female receptacle, crimp termination  
(Standard B-Crimp), Nickel 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
- ✓ Crimp termination with standard B-crimp tool (B-crimp acc. IEC 60352-2)
- ✓ Gastight and Solderless connection (RoHS compliant)
- ✓ New 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
- ✓ 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-HA |
| Connection Type | XLR         |
| Gender          | female      |

## Electrical

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

## Mechanical

|                  |                             |
|------------------|-----------------------------|
| Insertion force  | $\leq 20 \text{ N}$         |
| Withdrawal force | $\leq 20 \text{ N}$         |
| Lifetime         | $> 1000$ mating cycles      |
| Wiresize         | 0.22 - 0.34 mm <sup>2</sup> |
| Wiresize         | 24 - 22 AWG                 |
| Wiring           | Crimp contacts              |
| Locking device   | Latch lock                  |
| Chassis shape    | D                           |

| Material                |                         |
|-------------------------|-------------------------|
| Contact plating         | 1 µm Ag                 |
| Contacts                | Bronze (CuSn6)          |
| Insert                  | PA66                    |
| Locking element         | Steel Ck67              |
| Locking element plating | Nickel                  |
| Shell                   | Zinc diecast (ZnAl4Cu1) |
| Shell plating           | Nickel                  |

| Environmental       |                  |
|---------------------|------------------|
| Flammability        | UL 94 V-0        |
| Standard compliance | IEC 61076-2-103  |
| Protection class    | IP 40            |
| Temperature range   | -30 °C to +80 °C |