



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 ² |
| 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 |