



NC3FD-LX-0

3 pole female receptacle, solder cups, Nickel housing, silver contacts, retention spring instead of latch

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

Technical Information

Product	
Title	NC3FD-LX-0
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 5 mΩ
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	≤ 20 N
Lifetime	> 1000 mating cycles
Locking force	> 20 separating force N
Wiresize	max. 2.5 mm ²
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Retention spring
Chassis shape	D

Material	
Contact plating	2 µm Ag over 2 µm Ni
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel

Environmental	
Flammability	UL 94 HB
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C