



## 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
- ✓ 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-0
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	16 A
Rated voltage	$< 50 \text{ V}$

Mechanical	
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	$> 1000$ mating cycles
Locking force	$> 20$ separating force N
Wiresize	max. $2.5 \text{ mm}^2$
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Retention spring
Chassis shape	D

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

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