



## NC3FX-SPEC

Solid 3 pole female cable connector with locking ring for highest security of connection and uninterrupted RF-screening.

Female XLR cable connector with solid `coax` shell. A small grub screw can make the connection to the microphone and Gooseneck quasi theft proof. Black metal housing with gold contacts.

## Features & Benefits

- ✓ Solid female cable connector with locking ring for highest security of connection
- ✓ Uninterrupted EMI protection
- ✓ Protects against accidental disconnects
- ✓ Thief-proof, grub screw secure connector onto microphone or gooseneck
- ✓ Avoids movements and noises
- ✓ Rugged & zinc diecast shell, long lasting and durable
- ✓ Chuck type strain relief system for secure clamping of cables
- ✓ Boot with rubber gland gives high protection against bending stresses

## Technical Information

Product	
Title	NC3FX-SPEC.
Connection Type	XLR
Gender	female

## Electrical

Capacitance between contacts	$\leq 4 \text{ pF}$
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$

## Mechanical

Cable O.D.	3.5 - 8.0 mm
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	$> 1000$ mating cycles
Wiresize	max. $2.5 \text{ mm}^2$
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Locking nut

Material	
Boot	Polyurethan
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA66)
Locking element	St3K32 (latch) / Ck 67 (spring)
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	Black KTL
Strain relief	Polyacetal (POM)
Securing Ring	Brass (CuZn39Pb3)

Environmental	
Approvals	UL
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