



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

**Technical Information**

Product	
<b>Title</b>	NC3FX-SPEC.
<b>Connection Type</b>	XLR
<b>Gender</b>	female

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

Mechanical	
<b>Cable O.D.</b>	3.5 - 8.0 mm
<b>Insertion force</b>	$\leq 20$ N
<b>Withdrawal force</b>	$\leq 20$ N
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Wiresize</b>	max. 2.5 mm <sup>2</sup>
<b>Wiresize</b>	max. 14 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Locking nut

Material	
<b>Boot</b>	Polyurethan
<b>Contact plating</b>	0.2 µm Au hard alloy over 2 µm Ni
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	St3K32 (latch) / Ck 67 (spring)
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Black chromium
<b>Strain relief</b>	Polyacetal (POM)
<b>Securing Ring</b>	Brass (CuZn39Pb3)

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