



## NC7FX

**PHASE OUT** 

direct replacement / successor: NC7FXX

7 pole female cable connector with Nickel housing and silver contacts.

The "industry standard" XLR cable connector, easy to assemble with only 4 parts and no screws.

Compact design with sturdy diecast shell, fibreglass reinforced hard plastic insert and chuck type strain relief for secure clamping of all cables.

## **Features & Benefits**

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

Coloured rings and boots available for coding and marking

**UL** recognized components

## **Technical Information**

Product	
Title	NC7FX
Connection Type	XLR
Gender	female



Electrical	
Capacitance between contacts	≤ 9 pF
Contact resistance	$\leq$ 3 m $\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 G $\Omega$ (initial)
Rated current per contact	5 A
Rated voltage	< 50 V

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm²
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock



Material	
Boot	Polyurethan
Contact plating	2 μm Ag over 2 μm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	St3K32 (latch) / Ck 67 (spring)
Locking element plating	Nickel
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)

Environmental	
Approvals	UL
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