NEUTRIK

NC6FX

PHASE OUT

direct replacement / successor: NC6FXX

6 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	NC6FX
Connection Type	XLR
Gender	female

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Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	7,5 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

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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

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