



NC3FXX

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

The next generation of the worldwide accepted standard of XLR cable connectors. The successor of the X series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief.

Features & Benefits

-	ge design of female contact for ct resistance and high integrity	•	Female contact incorporates a solder barrier to prevent solder running into the contact mating area
	onnector with improved solid h which is larger and easier to	•	Additional ground spring contacts for better shell ground continuity
•	chuck type strain relief provides I-out force and makes assembly I faster	•	Boot with polyurethane gland gives high protection to cable bending stresses
	ngs and boots available for identification	•	Sleek and ergonomic design - valuable and handy
 Rugged zi dependab 	nc diecast shell, longlasting and le	•	Internal thread on shell is well protected against any damage



Technical Information

Product		
Title	NC3FXX	
Connection Type	XLR	
Gender	female	

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

Mechanical

Cable O.D.	3.5 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	\leq 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm ²
Wiresize	max. 14 AWG
Locking device	Latch lock

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Material		
Boot	Polyurethan	
Contact plating	2 μm Ag	
Contacts	Bronze (CuSn8)	
Insert	Polyamide (PA66)	
Locking element	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)	
Shell	Zinc diecast (ZnAl4Cu1)	
Shell plating	Nickel	
Strain relief	Polyacetal (POM)	

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	