



NC3FXS

3 pole female cable connector, Nickel housing

FX cable connector with noiseless ON-OFF switch short-circuiting contacts 2+3. For use with a microphone without switch.

Features & Benefits

- Built in noiseless ON-OFF switch short-circuiting contacts 2 + 3
- Rugged zinc diecast shell, long lasting and durable
- Chuck type strain relief system for secure clamping of cables
- For use on a microphone without switch
- Rugged metal boot
- Boot with rubber gland gives high protection against bending stresses

Technical Information

Product	
Title	NC3FXS
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 - 7.0 mm
Insertion force	$\leq 20\text{ N}$
Withdrawal force	$\leq 20\text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm^2
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock

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 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