



## NC3FXX-HA

3 pole female cable connector with Nickel housing, silver contacts and crimp termination (standard B crimp).

Special version of the XLR cable connector XX Series with crimp terminals.

### Features & Benefits

- Unique cage design of female contact for low contact resistance and high integrity
- Gastight and Solderless connection (RoHS compliant)
- Additional ground spring contacts for better shell ground continuity
- Boot with polyurethane gland gives high protection to cable bending stresses
- Sleek and ergonomic design - valuable and handy
- Crimp termination with standard B-crimp tool (B-crimp acc. IEC 60352-2)
- Female connector with improved solid metal latch which is larger and easier to handle
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Colored rings and boots available for coding or identification
- Rugged zinc diecast shell, longlasting and dependable

Technical Information

Product	
Title	NC3FXX-HA
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	1 A
Rated voltage	$< 50\text{ V}$

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	$\leq 20\text{ N}$
Withdrawal force	$\leq 20\text{ N}$
Lifetime	$> 1000$ mating cycles
Wiresize	0.22 - 0.34 mm <sup>2</sup>
Wiresize	24 - 22 AWG
Wiring	Crimp contacts
Locking device	Latch lock

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