



NC3FXX-14-D

3 pole female cable connector for 8 mm - 10 mm cable O.D. with Nickel housing and silver contacts

Special version of the XLR cable connector XX Series for large cable diameters. Incorporating all features of the XX Series.

Bulk packed, to be ordered in multiples of 100.

Features & Benefits

- ✓ Unique cage design of female contact for low contact resistance and high integrity
- ✓ Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- ✓ Female connector with improved solid metal latch which is larger and easier to handle
- ✓ Additional ground spring contacts for better shell ground continuity
- ✓ Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- ✓ Boot with polyurethane gland gives high protection to cable bending stresses
- ✓ Colored rings and boots available for coding or identification
- ✓ Sleek and ergonomic design - valuable and handy
- ✓ Rugged zinc diecast shell, longlasting and dependable

Technical Information

Product	
Title	NC3FXX-14-D
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.	8 mm - 10 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

Material	
Locking element plating	Nickel

Environmental	
Standard compliance	IEC 61076-2-103
Temperature range	-30 °C to +80 °C

Mouser Electronics

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