



## NC3FXX-14-B-D

3 pole female cable connector for 8 mm - 10 mm cable O.D. with black metal housing and gold 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 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
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- 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

## Technical Information

Product	
Title	NC3FXX-14-B-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 <sup>2</sup>
Wiresize	max. 14 AWG

Material	
Shell coating	black KTL

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