



# NC3MXX-14-B-D

3 pole male 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 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	NC3MXX-14-B-D

**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. $2.5 \text{ mm}^2$
Wiresize	max. 14 AWG

**Material**

Shell coating	Black KTL
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**Environmental**

Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Temperature range	$-30 \text{ }^{\circ}\text{C}$ to $+80 \text{ }^{\circ}\text{C}$