



NC3MXX-B

3 pole male cable connector with black metal housing and gold contacts

The next generation of the worldwide accepted standard of XLR cable connectors. The successor of the X series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief.

Features & Benefits

- Male connector with improved locking recess without "window", more stringent housing increases durability
- 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
- ✓ Internal thread on shell is well protected against any damage

Technical Information

Product	
Title	NC3MXX-B
Connection Type	XLR
Gender	male



Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	\leq 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	16 A
Rated voltage	< 50 V

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	\leq 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm²
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	Brass (CuZn39Pb3)
Insert	Polyamide (PA66)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	Black KTL
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