



Product Data Sheet

Neutrik NC3FXX-WOB

Description



The Neutrik NC3FXX-WOB is a 3 pole female cable connector with nickel housing and silver contacts, without boot. Boot must be ordered separately.

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.

Product	SKU
NEUTRIK NC3FXX-WOB	DA-65-5003

Key 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
- Coloured 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



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Technical Specification

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Connection type: XLR	Mechanical
Gender: female	Cable O.D.: 3.5 - 8.0 mm
Electrical	Insertion force: ≤ 20 N
Capacitance between contacts: ≤ 4 pF	Withdrawal force: ≤ 20 N
Contact resistance: ≤ 3 mΩ	Lifetime: > 1000 mating cycles
Dielectric strength: 1.5 kVdc	Wiresize max: 2.5 mm ² , 14 AWG
Insulation resistance: > 10 GΩ (initial)	Wiring: Solder contacts
Rated current per contact: 16 A	Locking device: Latch lock
Rated voltage: <50 V	Material
Environmental	Boot: Polyurethan
Flammability: UL 94 V-0	Contact plating: 2 μm Ag
Standard compliance: IEC 61076-2-103	Contacts: Bronze (CuSn8)
Protection class: IP 40	Insert: Polyamide (PA66)
Solderability: Complies with IEC 68-2-20	Locking element: Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
Temperature range: -30 °C to +80 °C	Shell: Zinc diecast (ZnAl4Cu1)
	Shell plating: Nickel
	Strain relief: Polyacetal (POM)