



Product Data Sheet

Neutrik NC3FRX

Description



The Neutrik NC3FRX is a 3 pole right angle female cable connector with nickel housing and silver contacts.

The RX Series is the right angle version of the XX cable connector series. The successor of the RC 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 NC3FRX	DA-65-5053

Key Benefits

- Extra slim right-angle connector
- 5 selectable cable outlet positions
- 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



Product Data Sheet

Neutrik NC3FRX

Technical Specification

Neutrik NC3FRX Specification

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 m Ω	Lifetime: > 1000 mating cycles
Dielectric strength: 1.5 kVdc	Wiresize max: 2.5 mm ² , 14 AWG
Insulation resistance: > 2 G Ω (initial)	Wiring: Solder contacts
Rated current per contact: 16 A	Material
Rated voltage: <50 V	Boot: Polyurethan
Environmental	Contact plating: 2 μ m Ag
Flammability: UL 94 V-0	Contacts: Bronze (CuSn8)
Standard compliance: IEC 61076-2-103	Insert: Polyamide (PA66)
Protection class: IP 40	Locking element: Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
Solderability: Complies with IEC 68-2-20	Shell: Zinc diecast (ZnAl4Cu1)
Temperature range: -30 °C to +80 °C	Shell plating: Nickel
	Strain relief: Polyacetal (POM)