



# Product Data Sheet

Neutrik NC3MRX

## Description



The Neutrik NC3MRX is a 3 pole right angle male 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 as cable strain relief.

| Product        | SKU    |
|----------------|--------|
| NEUTRIK NC3MRX | 105407 |

## Key Benefits

- Extra slim right-angle connector
- 7 selectable cable outlet positions
- 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
- Coloured rings and boots available for coding or identification
- Sleek and ergonomic design - valuable and handy



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## Technical Specification

| Neutrik NC3MRX Specification                    |  |
|---|--|
| Connection type: XLR                            | Mechanical                                       |
| Gender: male                                    | Cable O.D.: 3.5 - 8.0 mm                         |
| Electrical                                      | Insertion force: $\leq 20$ N                     |
| Capacitance between contacts: $\leq 4$ pF       | Withdrawal force: $\leq 20$ N                    |
| Contact resistance: $\leq 3$ m $\Omega$         | Lifetime: > 1000 mating cycles                   |
| Dielectric strength: 1.5 kVdc                   | Wiresize: max. 2.5 mm <sup>2</sup> , max. 14 AWG |
| Insulation resistance: > 2 G $\Omega$ (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 $\mu$ m 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)         |
| Temperature range: -30 °C to +80 °C             | Shell: Zinc diecast (ZnAl4Cu1)                   |
|   | Shell plating: Nickel                            |
|   | Strain relief: Polyacetal (POM)                  |