



# Product Data Sheet

Neutrik NC5MXX

## Description



The Neutrik NC5MXX is a 5 pole male cable connector with nickel housing and silver 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 as cable strain relief.

Product	SKU
NEUTRIK NC5MXX	DA-65-0015

## Key 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
- 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

### Neutrik NC5MXX Specification

<b>Connection type:</b> XLR	<b>Mechanical</b>
<b>Gender:</b> male	<b>Cable O.D.:</b> 3.5 - 8.0 mm
<b>Electrical</b>	<b>Insertion force:</b> ≤ 20 N
<b>Capacitance between contacts:</b> ≤ 7 pF	<b>Withdrawal force:</b> ≤ 20 N
<b>Contact resistance:</b> ≤ 3 mΩ	<b>Lifetime:</b> > 1000 mating cycles
<b>Dielectric strength:</b> 1.5 kVdc	<b>Wiresize max.:</b> 1.0 mm <sup>2</sup> , max. 18 AWG
<b>Insulation resistance:</b> > 10 GΩ (initial)	<b>Wiring:</b> Solder contacts
<b>Rated current per contact:</b> 7.5 A	<b>Locking device:</b> Latch lock
<b>Rated voltage:</b> <50 V	<b>Material</b>
<b>Environmental</b>	<b>Boot:</b> Polyurethan
<b>Flammability:</b> UL 94 V-0	<b>Contact plating:</b> 2 μm Ag over 2 μm Ni
<b>Standard compliance:</b> IEC 61076-2-103	<b>Contacts:</b> Brass (CuZn39Pb3)
<b>Protection class:</b> IP 40	<b>Insert:</b> Polyamide (PA66)
<b>Solderability:</b> Complies with IEC 68-2-20	<b>Locking element:</b> Zinc diecast (ZnAl4Cu1)
<b>Temperature range:</b> -30 °C to +80 °C	<b>Shell:</b> Zinc diecast (ZnAl4Cu1)
	<b>Shell plating:</b> Nickel
	<b>Strain relief:</b> Polyacetal (POM)