



NC6FRX



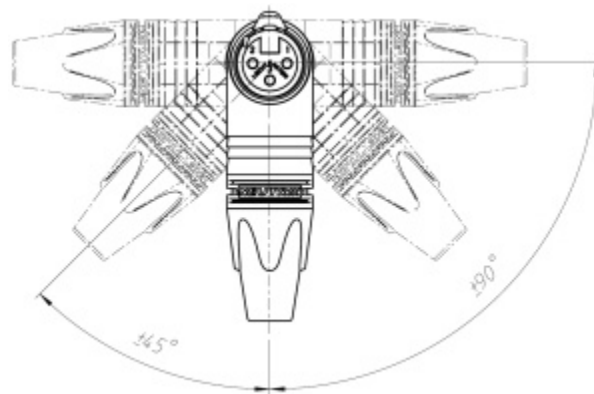
The RX Series is the right angle version of the XX cable connector series. The successor of the RC series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief.

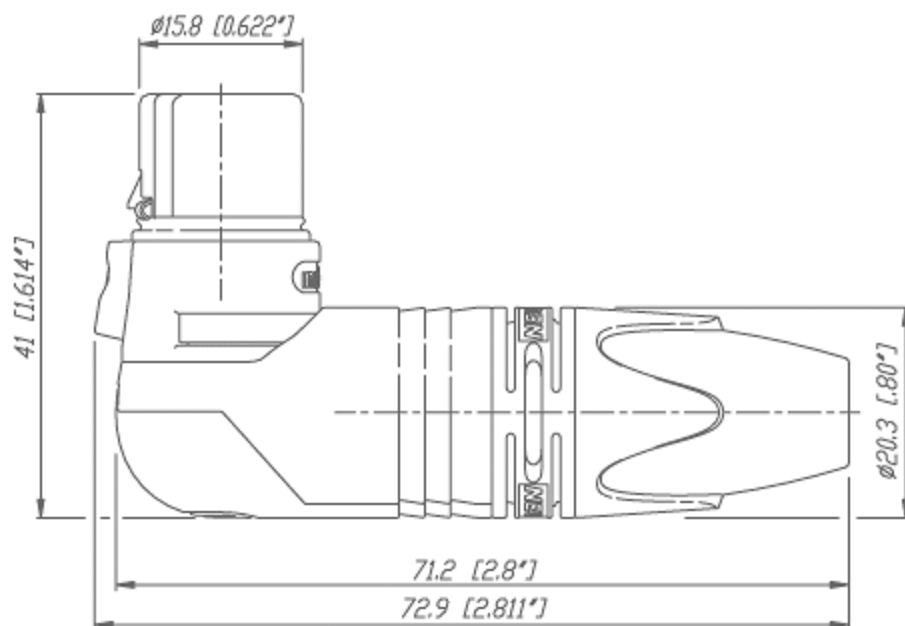
6 pole right angle female cable connector, nickel housing, silver contacts

Features & 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

Outlet Position





Product

Connector Type

XLR

Gender

female

Electrical

Capacitance between contacts ≤ 7 pFContact resistance ≤ 3 m Ω

Dielectric strength 1,5 kVdc

Insulation resistance > 2 G Ω (initial)Insulation resistance > 1 G Ω (after damp heat test)

Rated current per contact 7,5 A

Rated voltage 50 V

Mechanical

Cable O.D. 3.5 - 8.0 mm

Insertion force ≤ 20 NWithdrawal force ≤ 20 NLifetime > 1000 mating cyclesWire size max. 1.0 mm²

Wire size max. 18 AWG

Wiring Solder contacts

RW / Straight Yes

Locking device latch lock

Material

Boot Polyuretan

Bushing Polyamide (PA 6 15% GR)

Contact plating 2 μ m Ag

Contacts Brass (CuZn39Pb3)

Insert Polyamide (PA 6.6 30 % GR)

Locking element Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)

Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)
Environmental	
Flammability	UL 94 HB
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C