



NC5FRX

5 pole right angle female cable connector, nickel housing, 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.

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 Positions



Technical Information

Product	
Title	NC5FRX
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	\leq 3 m Ω
Dielectric strength	1,5 kVdc
Insulation resistance	>2 GΩ (initial)
Rated current per contact	7,5 A
Rated voltage	< 50 V

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Cable O.D.	3.5 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 1.0 mm ²
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock

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Material	
Boot	Polyurethan
Contact plating	2 µm Ag
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA66)
Locking element	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)

Environmental	
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C