

PR-RC2-NF-C05

N female connector for 7/8" coaxial cable

PROSE

- 50Ω impedance
- N female interface
- Field installation
- Working frequency up to 4GHz
- Good return loss and intermodulation performance

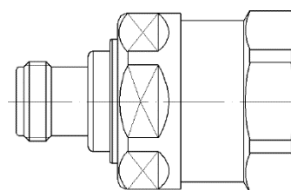


Photo for reference

Part number

PR-RC2-NF-C05	N female connector for 7/8" coaxial cable
	According to IEC61169-16

Electrical data

Characteristics impedance	50Ω
Frequency	DC to 4GHz
Insulation resistance	≥5GΩ
Center contact resistance	1mΩ
Outer contact resistance	0.25mΩ
Dielectric withstanding voltage	2500V rms
Operating voltage	1400V rms
Insertion loss	$0.05 \cdot \sqrt{F} \text{ GHz dB}$
Return loss	≤-30dB @ DC-1.0GHz
	≤-28dB @ 1.0-2.2GHz
	≤-26dB @ 2.2-2.7GHz
	≤-24dB @ 2.7-3.8GHz
Intermodulation (3 rd Order)	≤-160dBc @900MHz, 2x43dBm

Mechanical data

Interface	N female
Suitable cable	7/8" coaxial cable
Mating cycles	≥500 times
Coupling nut retention	≥450N
Connector torque proof recommend	0.7 to 1.3N.m

Environment

Working temperature	-45°C to +85°C
IP protection	IP68, mated pair
RoHS	Compliant

Notice

- 1, The connection should be covered with addition weatherproof kits for long time duration.
- 2, Connection molding shape may be changed during the product life-time due to the manufacture skill upgrade.

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