

PR-RC2-NM-C03

N male connector for 1/2" flexible cable

PROSE

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

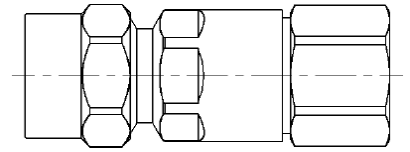


Photo for reference

Part number

PR-RC2-NM-C03	N male connector for 1/2" flexible cable
	According to IEC61169-16

Electrical data

Characteristics impedance	50Ω
Frequency	DC to 4GHz
Insulation resistance	≥5GΩ
Center contract resistance	1mΩ
Outer contract 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 male
Suitable cable	1/2" flexible 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.

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.