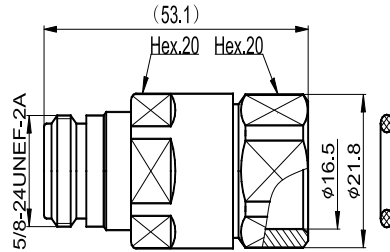


## Product Specification

### NF-1/2"L



N Straight female Connector for 1/2" Flexible RF Cable

ID: 2.4.11.12.12(01L)

CO121009 Rev: A0

\*The above picture is only for reference, we may change the appearance design in order to enhance performance without notification.

### Material and Plating

Inner Conductor	Tin Bronze / Silver Plating
Body & Outer Conductor	Brass / Trimetal Plating
Insulator	PTFE/TPX
Gasket	Silicon Rubber

### Electrical Specifications

Characteristics Impedance	50 Ohm
Frequency Range	DC~11GHz
Insulation Resistance	$\geq 5000M\Omega$
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1500V rms
Center contact resistance	$\leq 1.00 m\Omega$
Outer contact resistance	$\leq 0.25 m\Omega$
Insertion Loss	@DC-2.7 GHz $\leq 0.10dB$
VSWR	@0.8-1.0 GHz $\leq 1.08$
	@1.7-2.7 GHz $\leq 1.10$
PIM3(2*43dBm)	@1800MHz $\leq -155dBc$

### Environmental & Mechanical Specifications

Durability (matings)	$\geq 500$ cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Temperature Range	-45°C to +85°C
RoHS	Compliant
Sealing Class	IP68 24hr, 1m, 20°C

### Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.