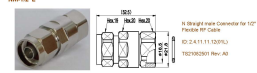


Product Specification



Material and Plating	
Inner Conductor Pin	Brass / Silver Plating
Inner Conductor Socket	Tin Bronze / Silver Plating
Insulator	PTFE/TPX
Body & Outer Conductor	Brass / Trimetal Plating
Gasket	Silicon Rubber
Nut	Brass/Trimetal Plating

Electrical Specifications	
Characteristics Impedance	50 Ohm
Frequency Range	DC~11GHz
Operating Frequency	DC~3.6GHz
Insulation Resistance	≥5000MΩ
Peak Power, maximum	10kW
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1500V rms
Center contact resistance	≤1.0 mΩ
Outer contact resistance	≤0.25 mΩ
Insertion Loss	@DC-1 GHz ≤0.05dB
Return Loss	@50MHz-1000MHz ≥ 35dB
	@1000MHz-1900MHz ≥ 30dB
	@1900MHz-2200MHz ≥ 30dB
	@2200MHz-2700MHz ≥ 29dB
PIM3(2*43dBm)	≤-155dBc

Environmental & Mechanical Specifications	
Operating Voltage	500 cycles
Humidity	0~95%
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Operating Temperature	-45°C to +65°C
Temperature Range	-65°C to +85°C
RoHS	Compliant
Sealing Class	IP68 24hr, 1m, 20°C

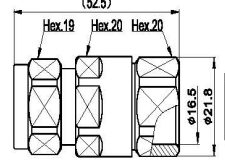
Regulatory Compliance / Certification	
ISO 9001:2015	Compliant

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

NM-1/2L

Product Specification

NM-1/2"L



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

ID: 2.4.11.11.12(01L)

TS21082501 Rev: A0

Material and Plating

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

Electrical Specifications

Characteristics Impedance	50 Ohm
Frequency Range	DC~11GHz
Operating Frequency	DC~3.6GHz
Insulation Resistance	≥5000MΩ
Peak Power, maximum	10kW
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1500V rms
Center contact resistance	≤1.0 mΩ
Outer contact resistance	≤0.25 mΩ
Insertion Loss	@DC-1 GHz ≤0.05dB
Return Loss	@50MHz-1000MHz ≥ 35dB
	@1000MHz-1900MHz ≥ 30dB
	@1900MHz-2200MHz ≥ 30dB
	@2200MHz-2700MHz ≥ 29dB
PIM3(2*43dBm)	≤-155dBc

Environmental & Mechanical Specifications

Durability (matings)	≥500 cycles
Humidity	0~95%
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Operating Temperature	-45°C to +65°C
Temperature Range	-65°C to +85°C
RoHS	Compliant
Sealing Class	IP68 24hr, 1m, 20°C

Regulatory Compliance / Certification

ISO 9001:2015	Compliant
---------------	-----------

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

www.hengxin.com