



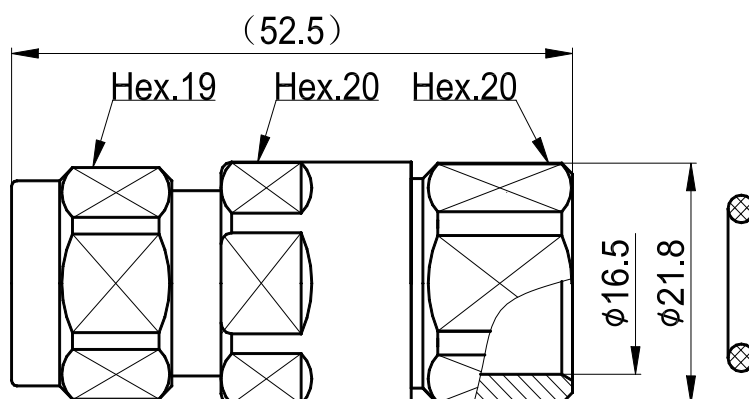
TECHNICAL SPECIFICATION

HXQJCG0005

NM-1/2"L

Rev:A/0

1. Figure



2. Product Description

NM-1/2"L

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

3. 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/Nickel Plating

4. Electrical Characteristics

Characteristics Impedance	50 Ohm
Frequency Range	DC~18GHz
Insulation Resistance	$\geq 10000M\Omega$
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1400V 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	≤ 1.08
@1.7-2.7 GHz	≤ 1.10
PIM3	$\leq -160dBc$

5. Environmental and Mechanical Specifications

Durability (matings)	≥ 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	-65°C to +85°C
RoHS	Compliant
Sealing Class	IP68

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

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