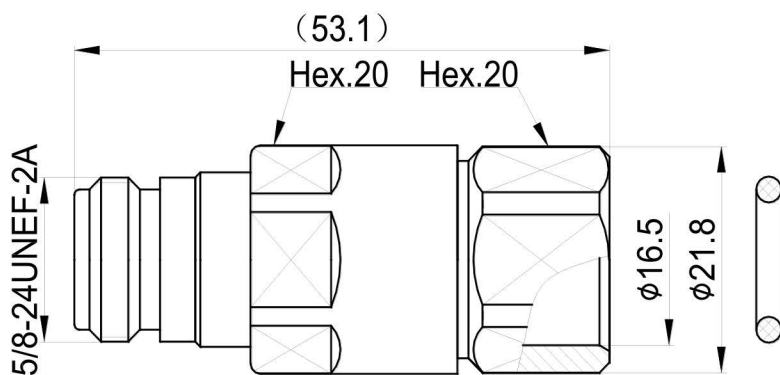


TECHNICAL SPECIFICATION

HXQJ15654

NF-1/2"L

Rev:A/0

1. Figure**2. Product Description**

NF-1/2"L

N Straight Female 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

—

4. Electrical Characteristics

Characteristics Impedance

50 Ohm

Frequency Range

DC~8.8GHz

Insulation Resistance

 $\geq 10000\text{M}\Omega$

Dielectric Withstanding Voltage

2500V rms

Operating Voltage

1400V rms

Center contact resistance

 $\leq 1.00\text{ m}\Omega$

Outer contact resistance

 $\leq 0.25\text{ m}\Omega$

Insertion Loss

 $\leq 0.05\text{dB}$

Return Loss(dB) @0.8-1.0 GHz

 ≥ 30

@1.7-2.2 GHz

 ≥ 28

PIM3

@900MHz

 $\leq -116\text{dBm}$ **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