



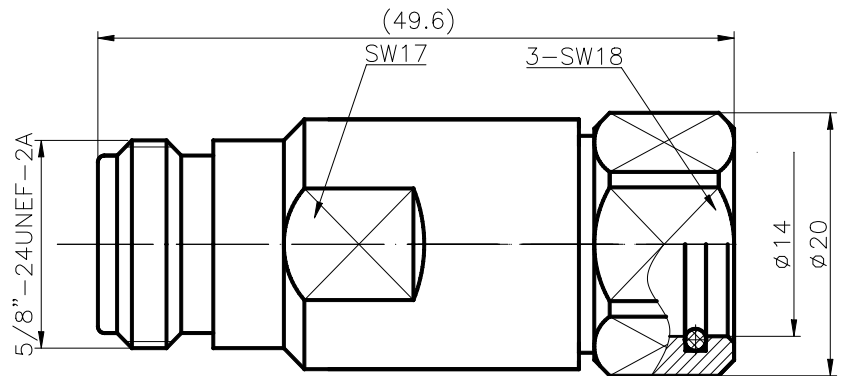
## TECHNICAL SPECIFICATION

HXQJ15531

NF-1/2"H

Rev:A/0

### 1. Figure



### 2. Product Description

NF-1/2"H

N Straight Female Connector for 1/2" Super 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~18GHz
Insulation Resistance	≥10000MΩ
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1400V rms
Center contact resistance	≤1.00 mΩ
Outer contact resistance	≤0.25 mΩ
Insertion Loss @DC-2.7 GHz	≤0.10dB
VSWR @0.8-1.0 GHz	≤1.08
@1.7-2.7 GHz	≤1.10
PIM3 (2*20W)	≤-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

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