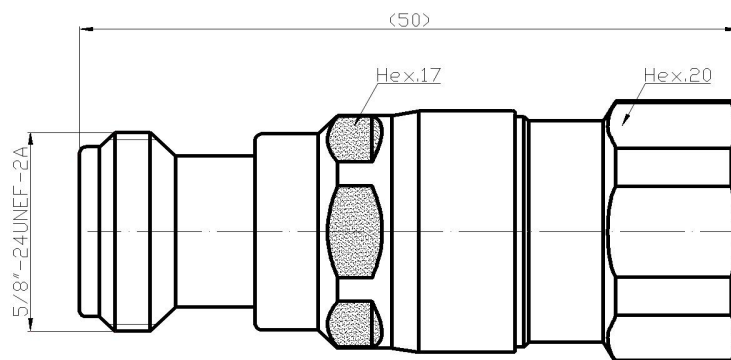


1. Figure



2. Product Description

NF-1/2"L

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

3. Material and Plating

Socket-Centre contact	Tin Bronze / Silver Plated
Outer contact & Body	Brass / Trimetal Plated
Dielectric	TPX
Gasket	Silicon Rubber
Nut	/

4. Electrical Characteristics

Characteristics Impedance	50 Ohm
Insulation Resistance	$\geq 5000 M\Omega$
Centre contact resistance	$\leq 1.00 m\Omega$
Outer contact resistance	$\leq 0.25 m\Omega$
Dielectric Withstanding Voltage	2000V rms(AC)
Insertion Loss @690-960 MHz	$\leq 0.10 dB$
@1700-2700 MHz	$\leq 0.15 dB$
@2700-3000 MHz	$\leq 0.20 dB$
@3000-5000 MHz	$\leq 0.25 dB$
VSWR @690-960 MHz	≤ 1.10
@1700-2700 MHz	≤ 1.13
@2700-3000 MHz	≤ 1.15
@3000-5000 MHz	≤ 1.20
PIM3 @1800MHz	$\leq -150 dBc$

5. Environmental and Mechanical Specifications

Gauge retention force	
Centre contact	$\geq 0.56 N$
Outer contact	/
Coupling nut torque	0.7-1.1 N·m
Coupling nut retention force	$\geq 250 N$
Durability (matings)	≥ 500 cycles
Axial holding force of center conductor	28 N
Shock	As per std:IEC 60068-2-27/GB/T 2423.5
Vibration	As per std:IEC 60068-2-6/GB/T 2423.10
Salt mist	As per std:IEC 60068-2-11/GB/T 2423.17(48H)
Temperature Range	-45°C to +85°C
RoHS	Compliant
Sealing Class	IP68