

N MALE TO N FEMALE RF ADAPTER



Communications Technology & Engineering Accessories

Rev.V1.2

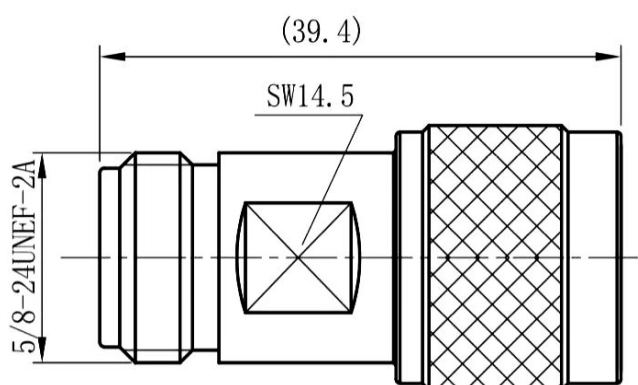
Specifications of N Male to N Female Adapter:

1. N/M-N/F adapter is in accordance with IEC60169-16: 1982
2. N Male interface screw thread: 5/8-24UNEF-2B
3. Mechanical characteristics:

Model		N/M-N/F
Frequency range		0~7.5GHz
Impedance(Ω)		50
Contact resistance (m Ω)	Inner conductor	≤ 2.0 m Ω
	Outer conductor	≤ 0.5 m Ω
Dielectric Resistance		≥ 500 M Ω
PIM		< -160 dBc@2X43dBm
Withstanding voltage AC(V/min)		≥ 4000 V
VSWR(0~3GHz)		≤ 1.10 (0~3GHz)
Durability		500 Cycles

When results tested by different analyzers are different should adopt the HP testing device as criteria.

4. Working environment: Working temperature: $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$, Relative moisture : 90 % ~95 % (Temperature: $40 \pm 2^{\circ}\text{C}$, Atmospheric pressure: (70~106)Kpa.
5. Dimensions:



6. Material and plating:

Name of part	Material	Plating	Thickness of plating
Shell	Brass (HPb59-1)	Ternary Alloy or Silver Plated	2 μ
Out conductor	Brass (HPb59-1)	Ternary Alloy or Silver Plated	2 μ
Connecting nut	Brass (HPb59-1)	Ternary Alloy or Nickel Plated	2 μ
Sealing	Silicone rubber		
Probe	Brass (HPb59-1)	Silver Plated	3 μ
Insulator	PTFE (SFX-1)		



All specifications are subject to change without notice.

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