

DIN MALE TO N MALE RF ADAPTER



Communications Technology & Engineering Accessories

Rev.V1.2

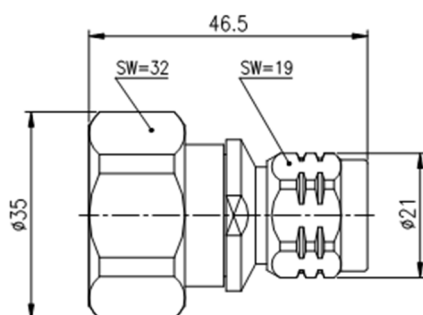
Specifications of 7/16(DIN) Male to N Male Adapter

1. 7/16(DIN)M-N/M adapter is in accordance with IEC60169-16: 1982
2. DIN interface screw thread:M29x1.5 ,N interface screw thread:5/8-24UNEF-2B
3. Mechanical characteristics:

Model		D/M-N/M
Frequency range		0~7.5GHz
Impedance(Ω)		50
Contact resistance (m Ω)	Inner conductor	≤ 0.8 m Ω
	Outer conductor	≤ 0.4 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: $-55^{\circ}\sim+155^{\circ}$, 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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