

4.3/10 MALE TO 4.3/10 FEMALE RF ADAPTER



Communications Technology & Engineering Accessories

Rev.V1.3

Specifications of 4.3/10 Male to 4.3/10 Female RF Adapter:

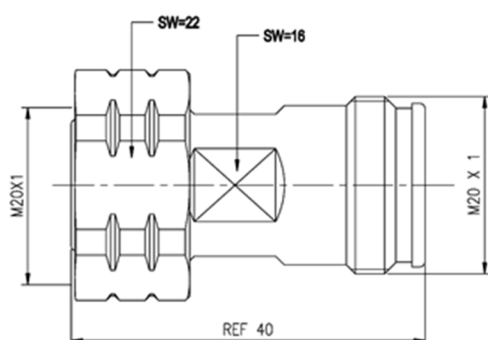
Mechanical characteristics:

Model	43MD/M-43MD/F
Frequency Range	DC~12GHz
Nominal Impedance	50 Ω
Insertion Loss	$\leq 0.1\text{dB}$
VSWR	$\leq 1.08(0\sim 3\text{GHz})$, $\leq 1.15(0\sim 6\text{GHz})$
PIM (2X43dBm)	$< -165\text{dBc}$ ($< -168\text{dBc}$ Typical)
Contact Resistance	Initial $\leq 1.0\text{m}\Omega$ / After Conditioning $\leq 1.5\text{m}\Omega$
Operating Voltage (AC)	$\leq 1000\text{Vrms}$
Withstanding Voltage (AC)	$\leq 2500\text{Vrms}$
Durability	500 Cycles

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

Working environment Working temperature: $-55\sim +155^{\circ}$, Relative moisture: 90%~95%(Temperature: $40\pm 2^{\circ}\text{C}$)

Product Dimensions and Picture:



Material & Plating:

Name of Part	Material	Plating	Thickness of Plating
Shell	Brass (HPb59-1)	Ternary Alloy	2 μ
Out conductor	Brass (HPb59-1)	Ternary Alloy	2 μ
Connecting nut	Brass (HPb59-1)	Ternary Alloy	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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