

Coaxial Adapter 2.92 mm Male to 2.92 mm Female DC – 40GHz



Features

- Wide band operation
- Low VSWR
- Low IL
- 50 Ohm Matched

Typical Applications

- Wireless Infrastructure
- Test and Measurement

Electrical Specifications, T_A=25 °C

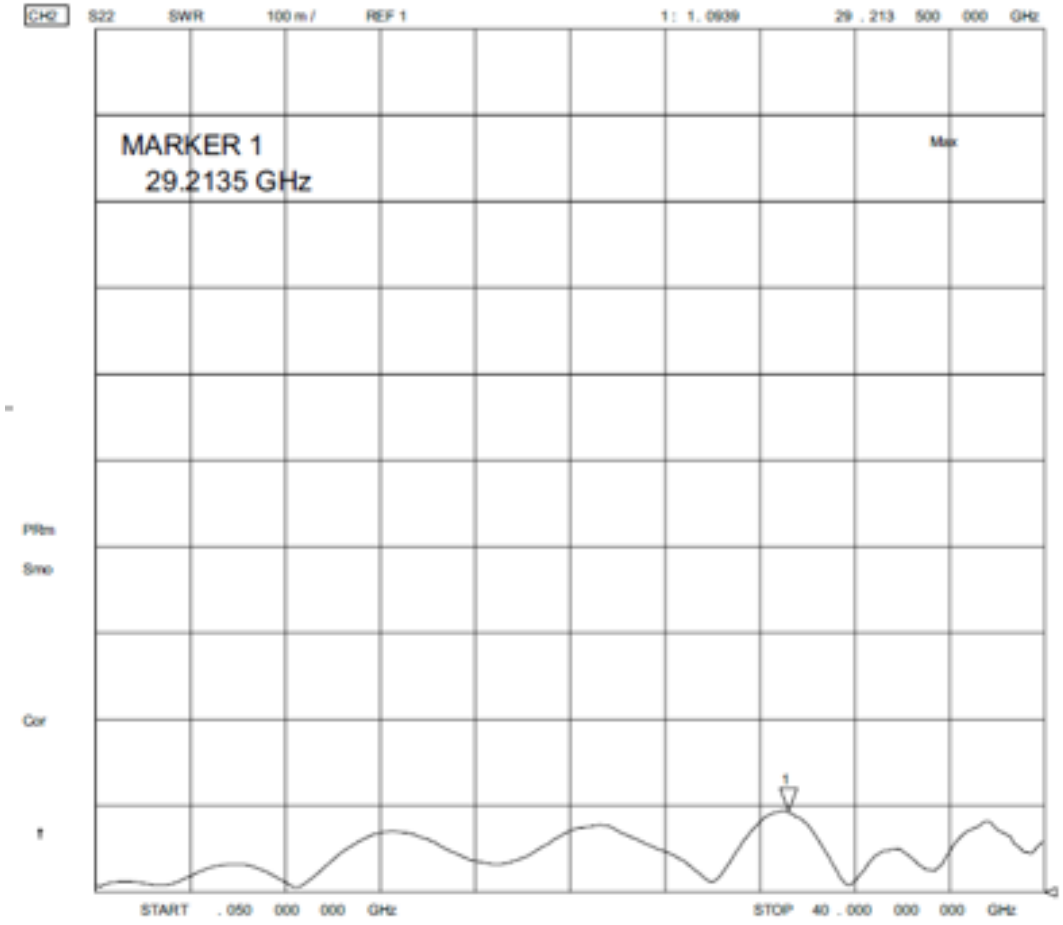
Parameter	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.15	: 1
Impedance	50			Ohms
Weight	0.35			Ounces
Insulating Material	PEI			
Material	Stainless Steel SU303			
Connectors	Connector1	2.92mm Female		
	Connector2	2.92mm Male		
Center PIN	Gold Plated Brass			

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Environmental Specifications and Test Standards

Parameter	Description
Operational Temperature	-55°C~+165°C
Storage Temperature	-60°C~+185°C
Thermal Shock	-55°C → +165°C (5 Cycles / 10 hours)
Random Vibration	MIL-STD-202G Table 214-I, Test Condition Letter C 1.5 Hours Per Axis
High Temperature Burn In	Temperature +75°C for 72 Hours
Shock	1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight <=20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude	Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)
Hermetically Sealed (Optional)	MIL-STD-883 (For Hermetically Sealed Units)

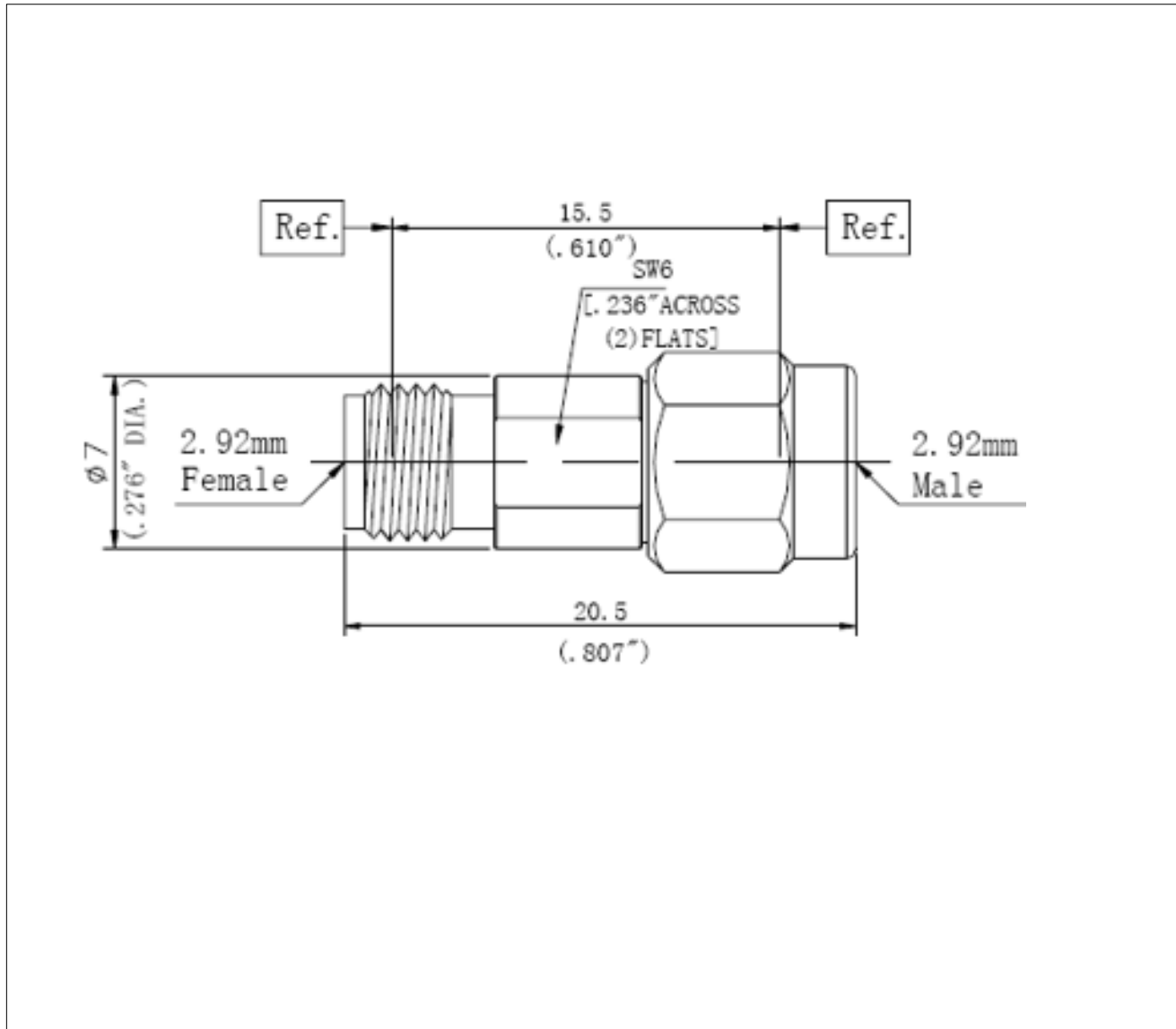
Typical Performance Plots



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Outline Drawing:

All Dimensions in mm [inches]



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