Coaxial Cavity Dual Frequency Combiner 0.8~2.17GHz

RoHS Compliant

Features

- High Power
- High Isolation
- Low Insertion Loss
- Excellent Temperature Stability
- Miniaturization
- Customization available upon request

Electrical Specifications

Parameters	CH1			CH2			
	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	800		960	1710		2170	MHz
VSWR		1.2	1.3		1.2	1.3	
Insertion Loss		0.15	0.3		0.15	0.3	dB
Pass Band Ripple		0.15	0.3		0.15	0.3	dB
Port Isolation	80	85		80	85		dB
Power Handing	100						Watts
Operating Temperature	-40 ~ +85						℃
Impedance	50						Ohms
Weight	/						ounces
Input / Output Connector	N-Female						
Material	Aluminum						
Finishing	Black Paint						

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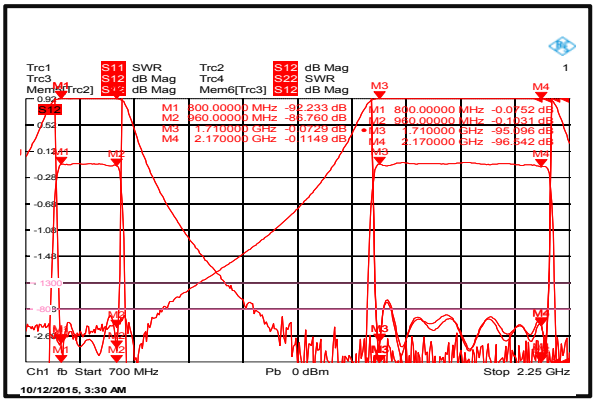
Environment specifications

Operational Temperature (C°)	-40 ~ +85
Storage Temperature (C°)	-50 ~ +105
Altitude	30,000 ft. (Epoxy Seal Controlled environment) 60,000 ft 1.0psi min (Hermetically Seal Un-controlled environment) (Optional)
Vibration	25g rms (15 degree 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc half sin wave,3 axis both directions

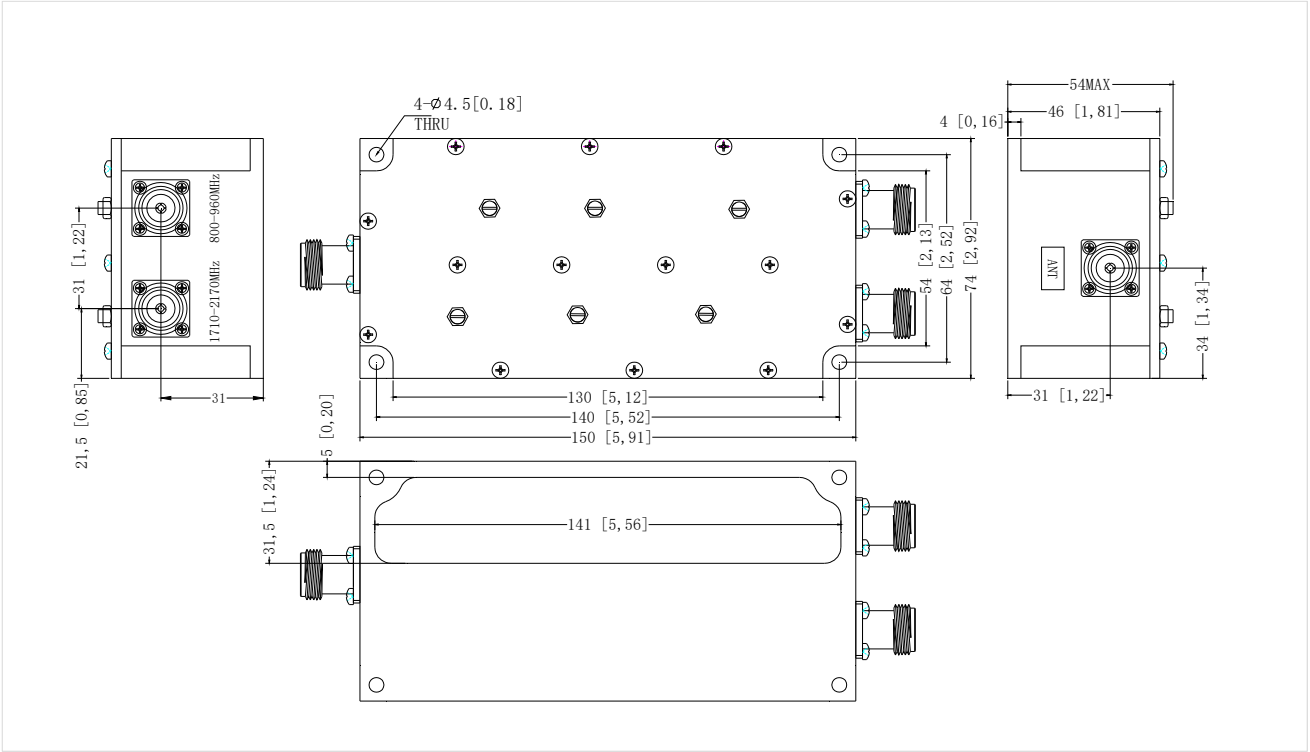
Typical Performance Plots

VSWR. Loss. Ripple. Isolation



Outline Drawing:

All Dimensions in mm (inches)
Tolerance ±0.3 (0.012)



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