



Coaxial Cavity Dual Frequency Combiner 903-926MHz



Features

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

Electrical Specifications

Parameters		TX			RX			Units
		Min.	Typ.	Max.	Min.	Typ.	Max.	
Frequency Range		903		906	923		926	MHz
Return Loss		21	23		21	23		
Insertion Loss			1.1	1.2		1.1	1.2	dB
Pass Band Ripple			0.15	0.3		0.15	0.3	dB
Port Isolation		50	70		50	70		dB
Nominal Coupling		29	30	31	29	30	31	dB
Power Rating	Average			50			50	W
	Perk			0.5			0.5	KW
Operating Temperature		-25 to +70						°C
Impedance		50						Ohms
Weight		42.33						ounces
Input / Output Connector		SMA-Female						
Material		Aluminum						
Finishing		Gray Paint						

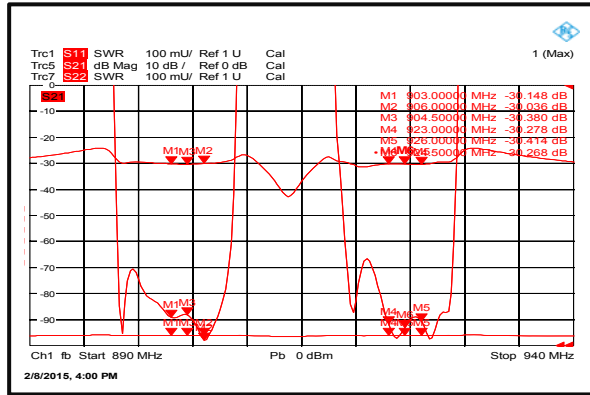
Environment specifications

Operational Temperature (C°)	-25 ~ +70
Storage Temperature (C°)	-40 ~ +85
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

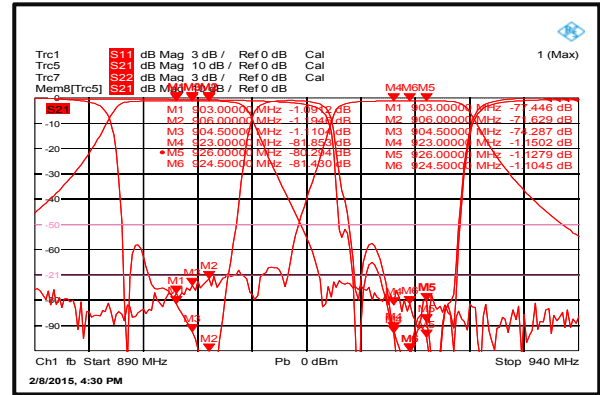


Typical Performance Plots

Coupling. VSWR



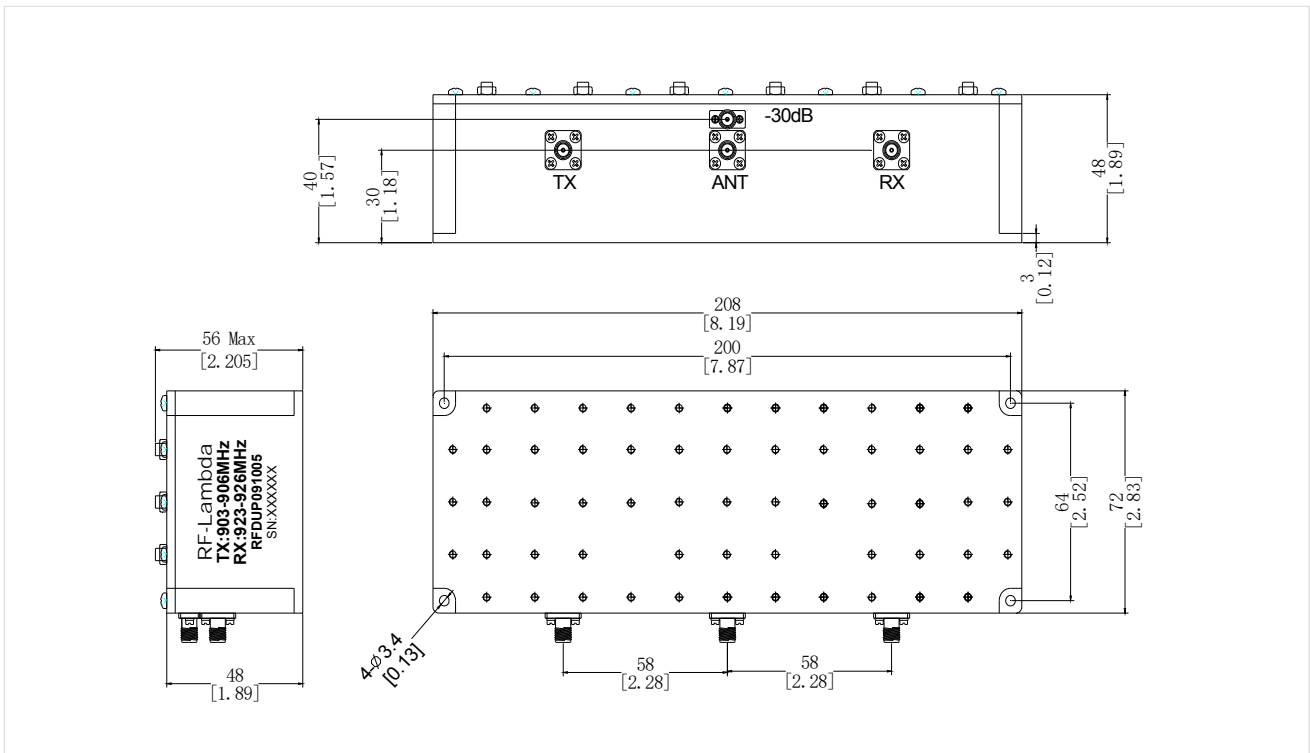
Insertion Loss . Return Loss. Ripple. Isolation



Outline Drawing:

All Dimensions in mm (inches)

Tolerance ± 0.25 (0.01)



Important Notice

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