



Coaxial Cavity Dual Frequency Combiner 1.96-2.26GHz



Features

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

Electrical Specifications

Parameters	RX			TX			Units
	Min.	Typ.	Max.	Min.	Typ.	Max.	
Frequency Range	1.969		2.089	2.143		2.263	GHz
VSWR		1.25	1.35		1.25	1.35	
Insertion Loss		0.7	0.8		0.7	0.8	dB
Pass Band Ripple		0.4	0.5		0.4	0.5	dB
Port Isolation	70	80		70	80		dB
Power Handling	50						Watts
Operating Temperature	-25 to +70						°C
Impedance	50						Ohms
Weight	0.5						Kg
Input / Output Connector	SMA-Female						
Material	Aluminum						
Finishing	Gray Paint						



RF-LAMBDA

The power beyond expectations

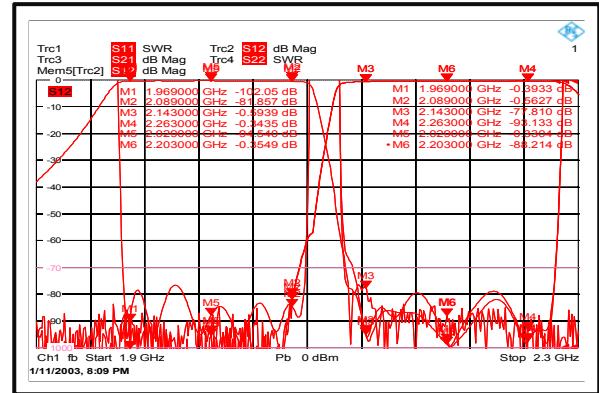
RFDU2G2GL

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

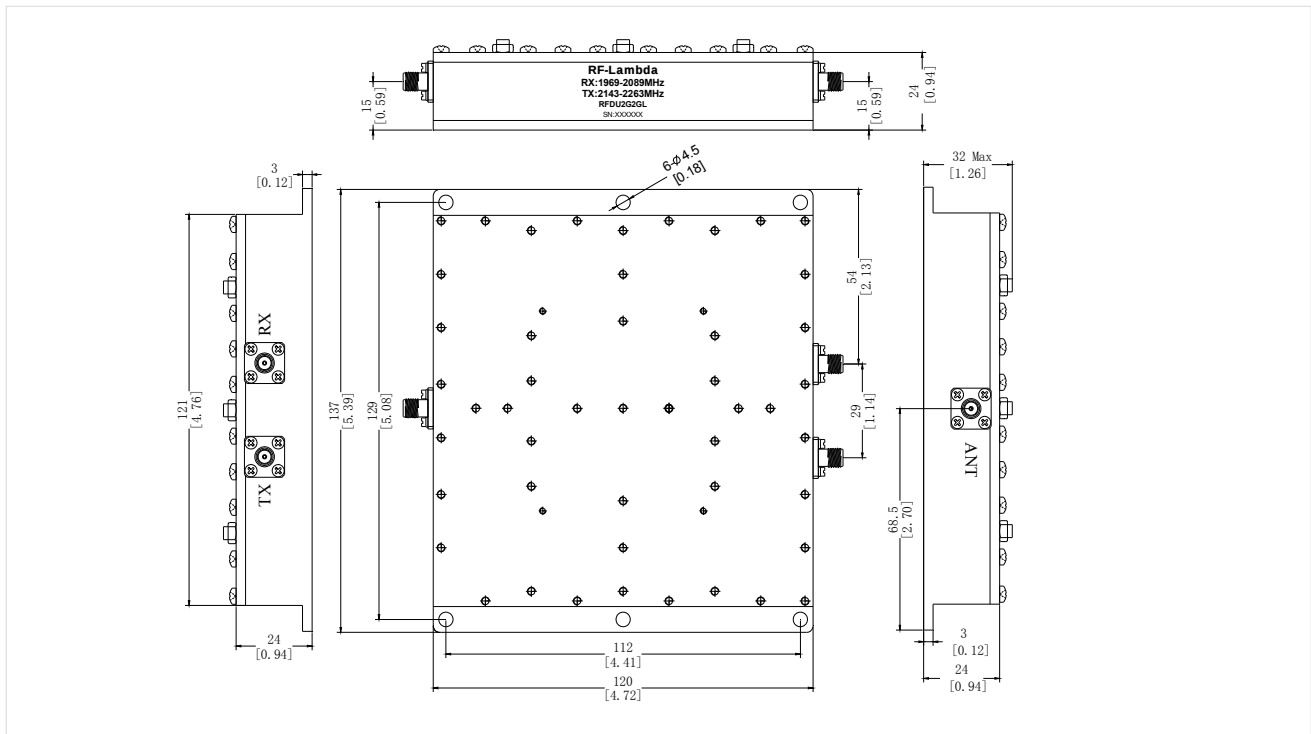
VSWR. Loss. Ripple. Isolation



Outline Drawing:

All Dimensions in mm (inches)

Tolerance ± 0.25 (0.01)



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