Coaxial Dual Frequency Combiner 0.698~2.155GHz

RoHS Compliant

Features

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

Electrical Specifications

Parameters		700MHZ			AWS			
		Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range		0.698		0.806	1.71		2.155	GHz
Return Loss		18	20		18	20		
Insertion Loss			0.3	0.5		0.3	0.5	dB
Pass Band Ripple			0.15	0.3		0.215	0.3	dB
Port Isolation		45	60		45	60		dB
Power Rating	Average		30			30		W
	Perk		0.3			0.3		KW
Operating Temperature		-20 to +70						℃
Impedance		50						Ohms
Weight		52.91						Ounces
Input / Output Connector		N-Female						
Material		Aluminum						
Finishing		Black Paint						

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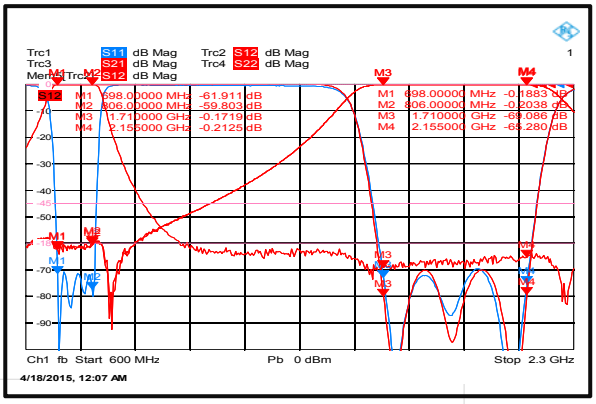
Environment specifications

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

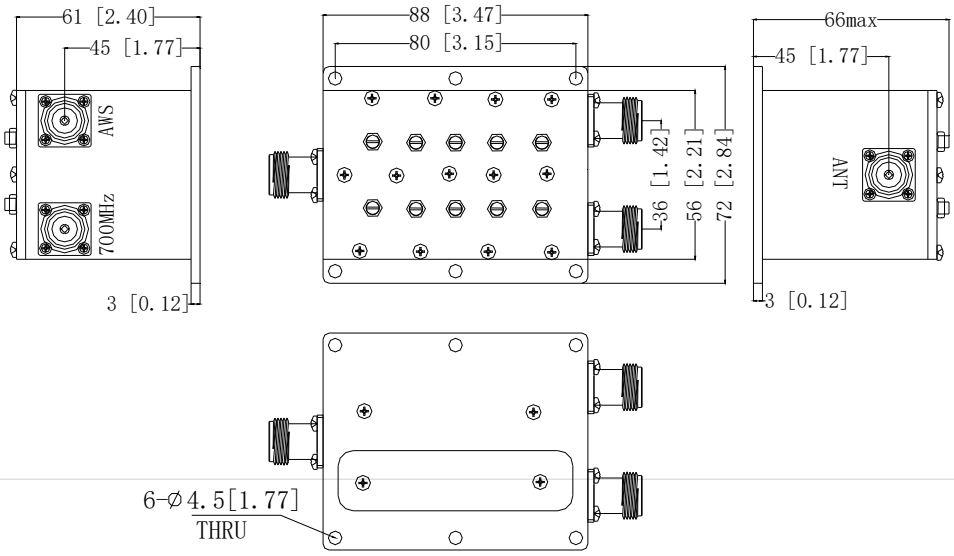
Typical Performance Plots

Return Loss. Loss. Ripple. Isolation



Outline Drawing:

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



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