



## WIDE BAND 500W HIGH POWER DUAL DIRECTIONAL COUPLER 8-18GHz



- Ultra wide band performance 8-18GHz
- High power operation up to 500W CW, 5KW peak power
- Compact size and low loss.
- Low passive inter-modulation product.
- Customized unit available.
- Applicable for base station, repeaters of CMDA GSM and UMTS cellular network

Electrical Specifications			
Frequency	8-18GHz	Power	300W CW
Coupling	30dB	Insertion Loss	≤0.9dB
Accuracy	+/-1dB	Flatness	+/-0.7dB
Directivity	≥10(8-16GHz) ≥6(16-18GHz)	VSWR	≤1.7
Environmental Specifications			
Operational Temp.	-40°C to 85°C base plate	Storage Temp.	-55°C to 120°C base plate
Altitude	30,000 ft		
Mechanical Specifications			
Humidity	95% relative humidity, 65°C 96Hour	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	14.2g RMS (15-2000Hz) functional	Connectors:	N Brass, Nickel Plate
	16.2g RMS (15-2000Hz) endurance, 1 hour/axis		Beryllium Copper, Gold Plate PIN

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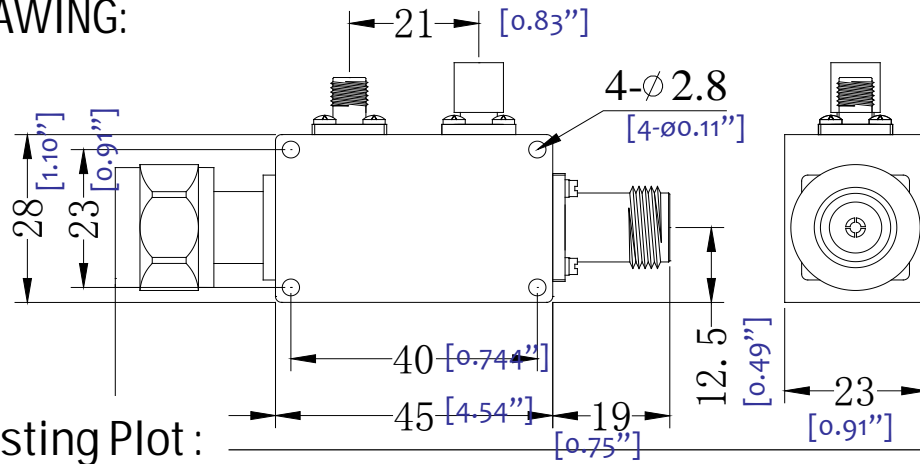


# RF-LAMBDA

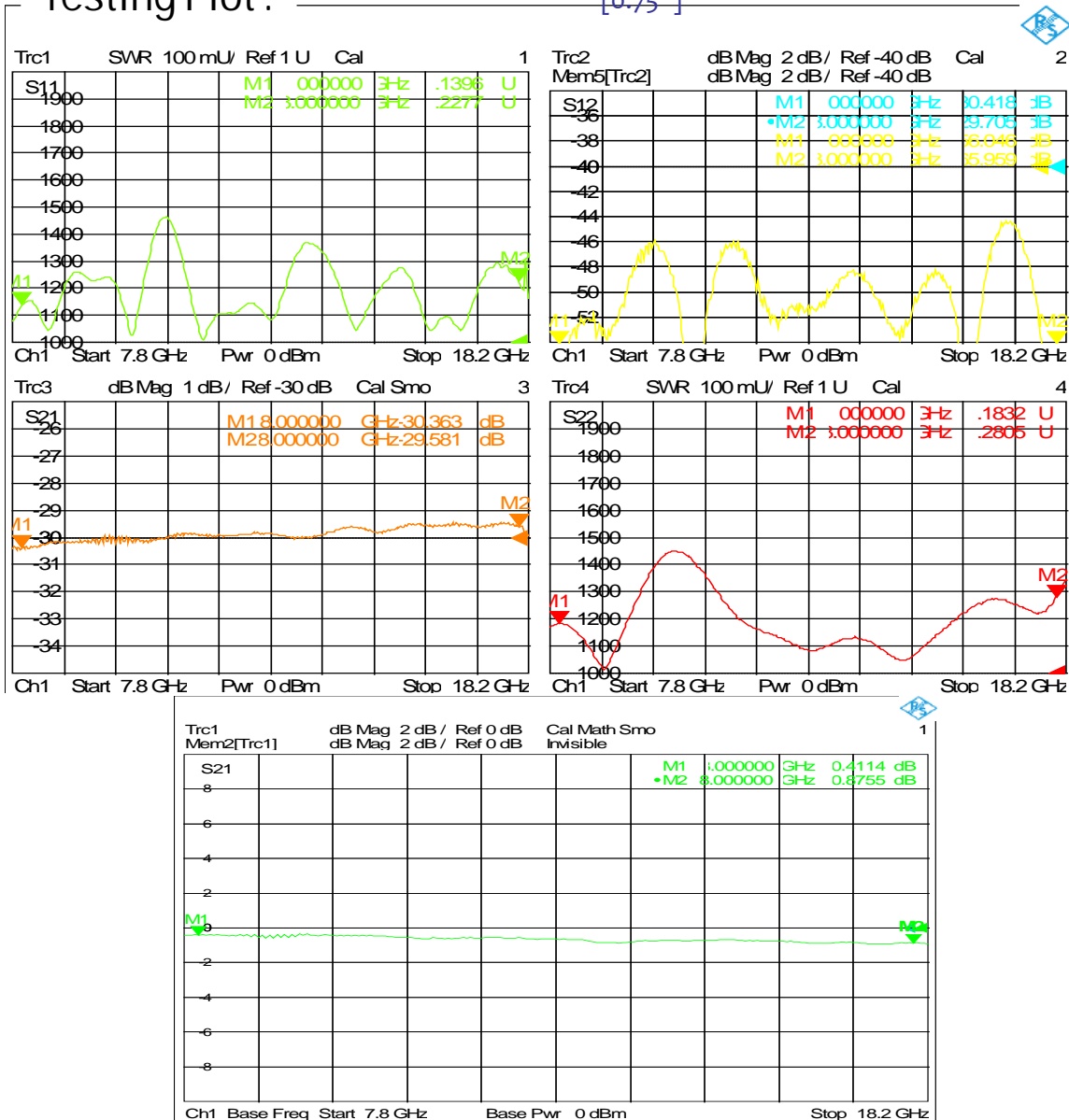
The power beyond expectations

RFDC8G18G30

DRAWING:



Testing Plot:



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