



RF-LAMBDA

The power beyond expectations

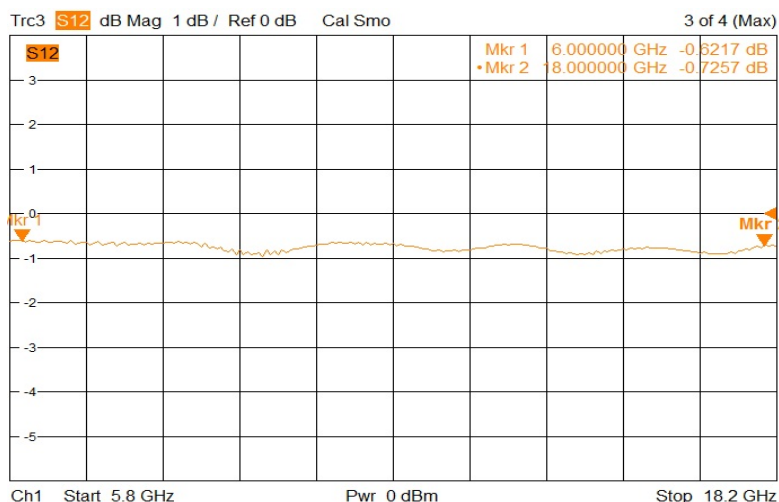
RFDC6G18G10

ULTRA WIDE BAND 50W DIRECTIONAL COUPLER 6GHZ-18GHZ

- Ultra wide band performance 6-18GHz
- power operation up to 50W CW
- Compact size and low loss.
- Low passive inter-modulation product.
- Customized unit available.
- Applicable for base station, repeaters of CMDA cellular network



Electrical Specifications			
Frequency	6-18GHz	Power	50W CW
Insertion Loss	1.0dB	VSWR	1.5 : 1
Directivity	14dB	Coupling	10dB
Environmental Specifications			
Oper.Temp.	-40°C~+85°C	Storage Temp.	-65°C~+150°C
Altitude	45,000 ft		
Mechanical Specifications			
Humidity	100% RH at 35c, 95%RH at 40 deg c	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	10g rms (15 degree 2KHz)	Connectors:	SMA-Female Brass, Nickel Plate



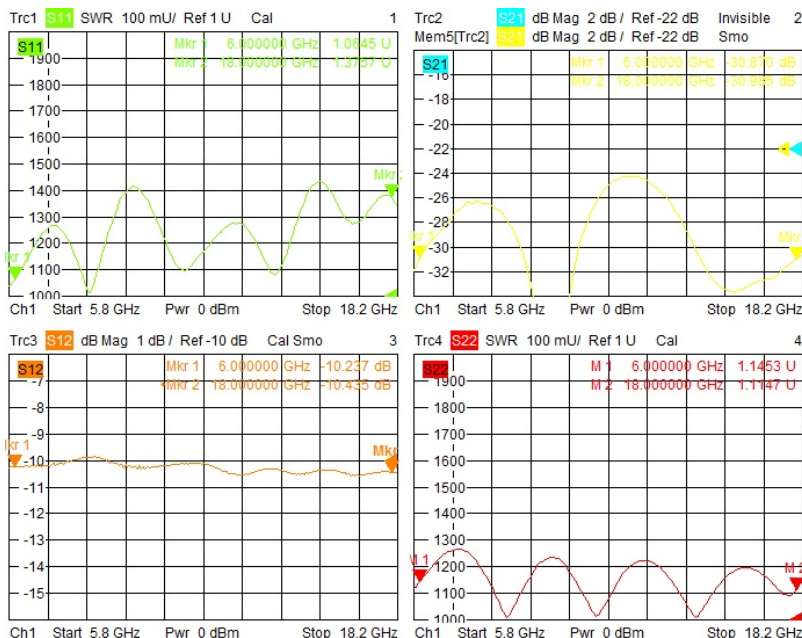
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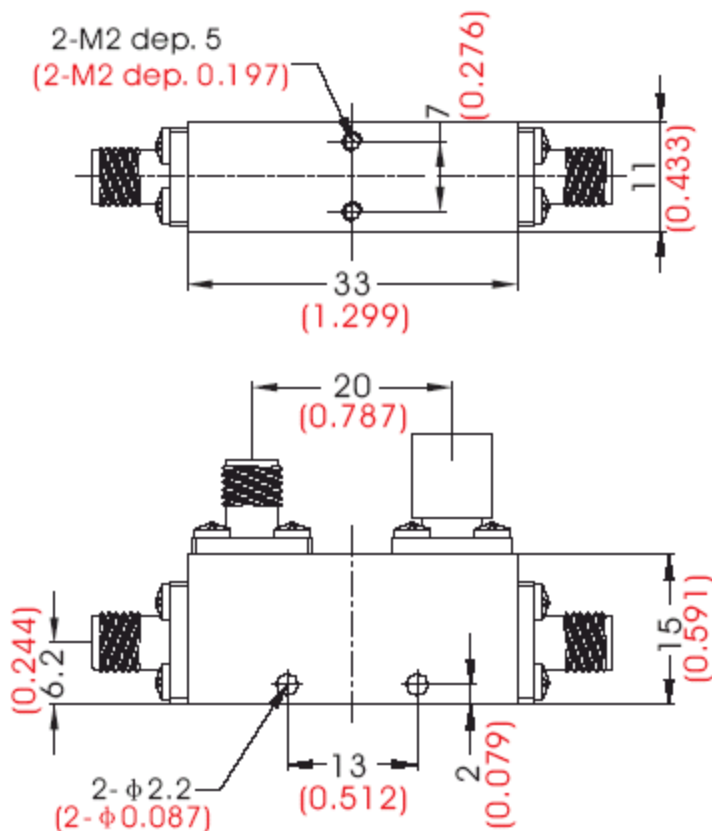
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DRAWING:



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