

# ULTRA WIDE BAND DIRECTIONAL COUPLER

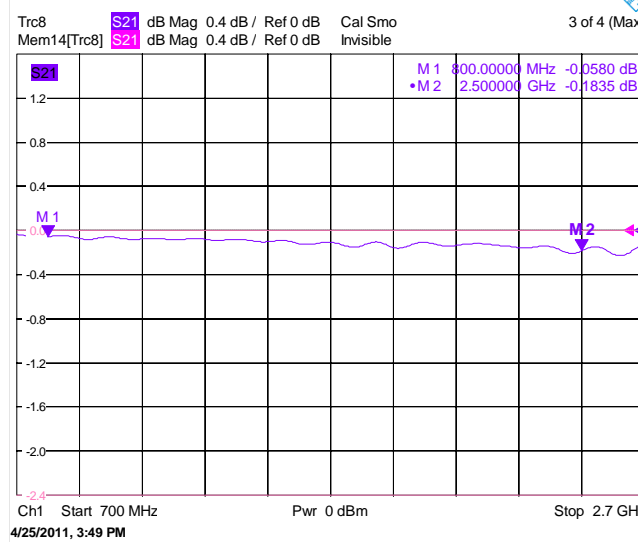
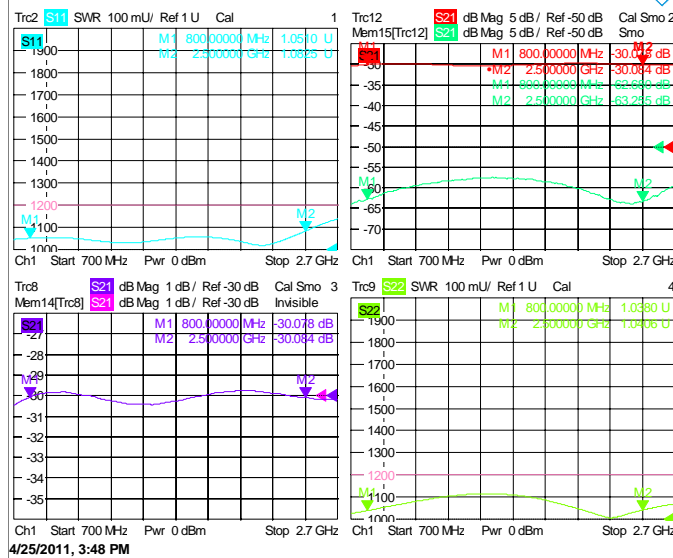
## RFDC8M3G30D



1.0 Mechanical Specifications		
1.1	Connector	SMA-Female Brass, Nickel Plate
1.2	Connect Pins	Beryllium Copper, Gold Plate
1.3	Housing	Aluminum, Black paint
1.4	Insulators	Ptee, Virgin Electrical grade

3.0 Electrical Specifications						
Part Number	Freq. (GHz)	Coupling (dB)	Insertion Loss (dB)	Directivity (dB)	Forward Power (W CW)	VSWR
RFDC8M3G30D	0.8-2.5	30	0.3	20	50	1.2

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-65°C~+150°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc



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DATE: Apr 1 2006

DESIGN: RFPC

RF-LAMBDA: RFPC

CAD MODEL REVISION: 08

ASSEMBLY REVISION: VS4A2

ASSEMBLY NAME: RFLV07

DRAWING NUMBER: D05-2

www.rflambda.com

RF-LAMBDA

RFDC8M3G30D DIRECTIONAL COUPLER

SIZE: LT

SHEETS: 1 OF 1