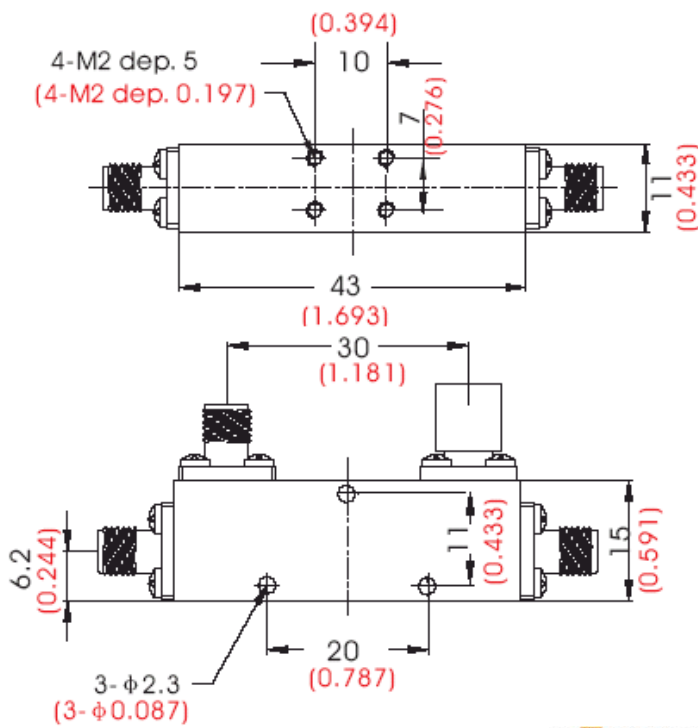


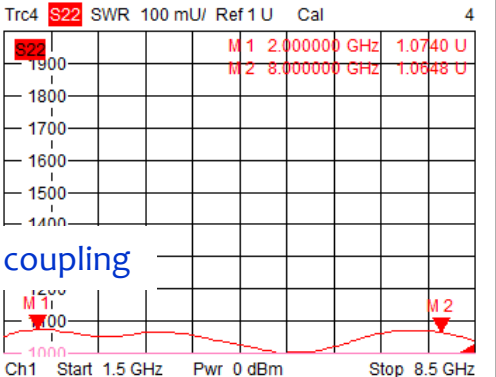
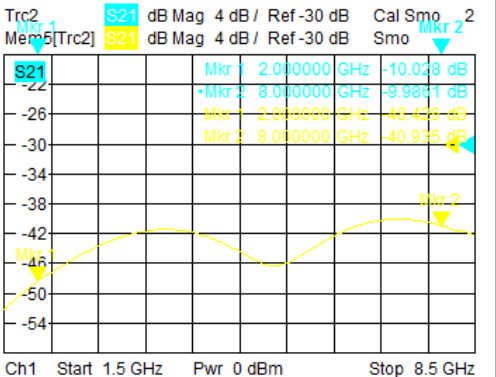
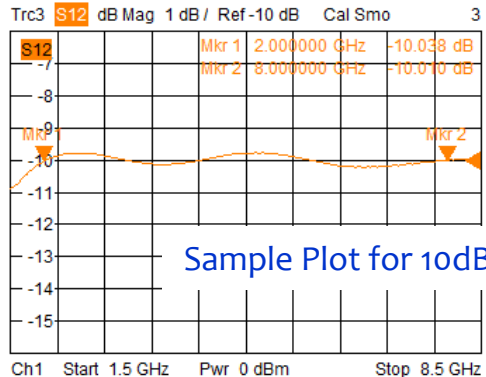
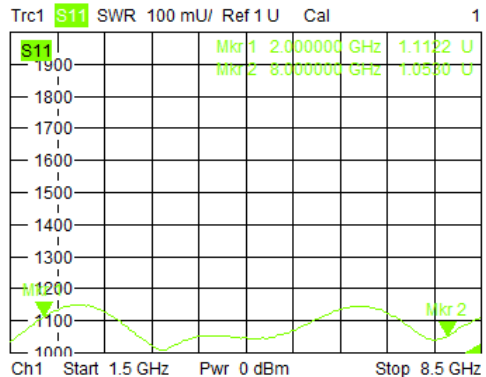
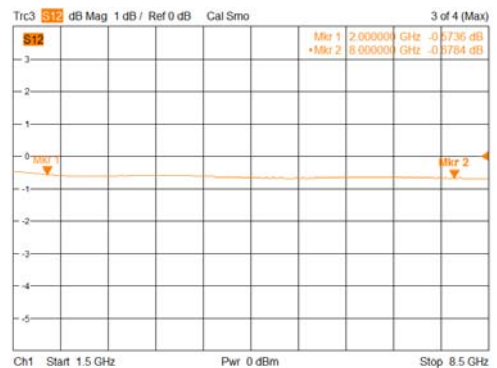
DIRECTIONAL COUPLER

-- RFDC2G8G10




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)	Average Power (W)	VSWR
RFDC2G8G10	2-8	10	0.5	20	50	1.20



Sample Plot for 10dB coupling

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

PAGE 1 OF 1		DATE	MAR 26 2006
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		RF-LAMBDA	RFPC
 RFDC2G8G10 DIRECTIONAL COUPLER		CAD MODEL REVISION	08
		ASSEMBLY REVISION	VS4A2
		ASSEMBLY NAME	RFLVR07
www.rflambda.com		DRAWING NUMBER	D05-2
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1	