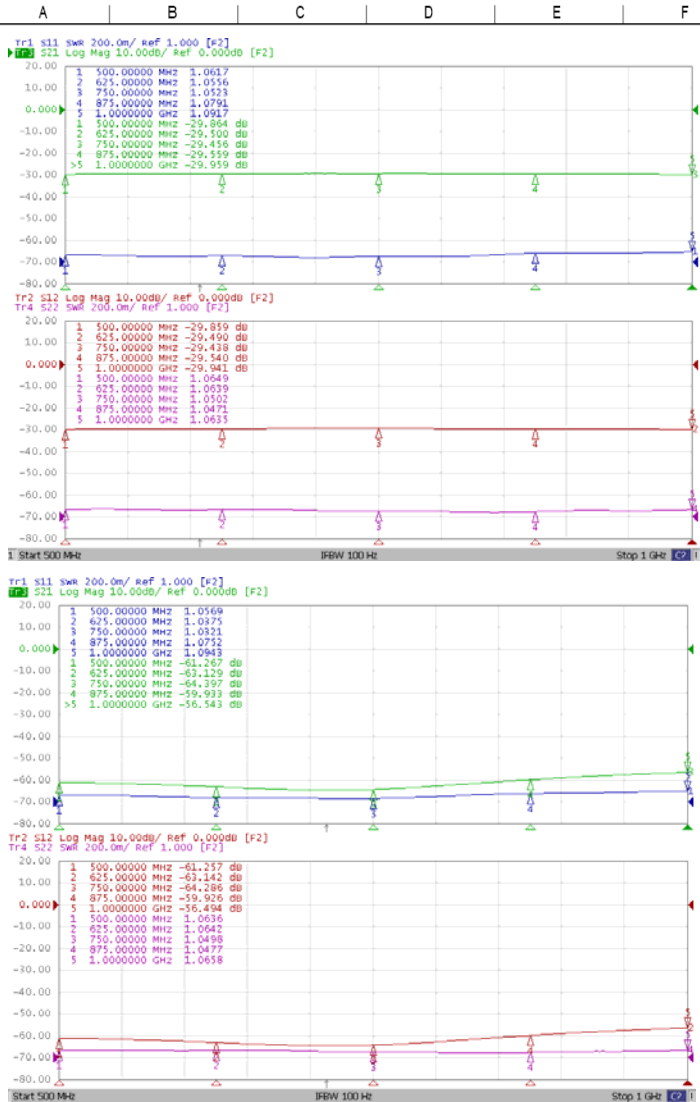
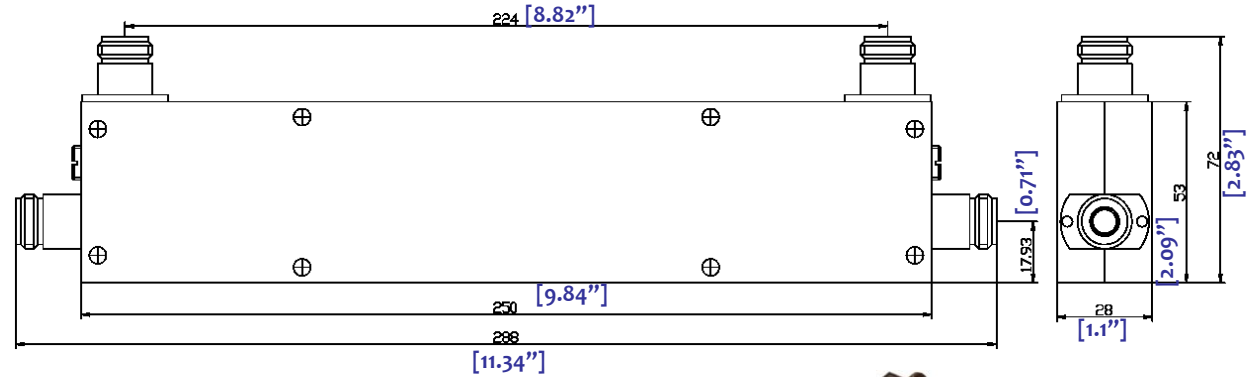


500W HIGH POWER DIRECTIONAL COUPLER

-- RFDC5M1GXX



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



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



3.0 Electrical Specifications									
Part Number	Freq. (GHz)	Coupling (dB)	Coupling Flatness (dB)	Insertion Loss (dB)	Directivity (dB)	Average Power (W)	Peak Power (KW)	VSWR	Temp. (° C)
RFDC5M1G20	0.5-1.0	20	±0.8	0.2	20	500	10	1.2	-40 ~+85
RFDC5M1G30	0.5-1.0	30	±0.8	0.2	20	500	10	1.12	-40 ~+85

PAGE 1 OF 1

DATE MAR 24th 2006

DESIGN RFPC

RF-LAMBDA RFPC

CAD MODEL REVISION 19

ASSEMBLY REVISION VS52

ASSEMBLY NAME RFLVR17

DRAWING NUMBER D05-1

www.rflambda.com

RF-LAMBDA

SIZE LT

SHEETS 1 OF 1

