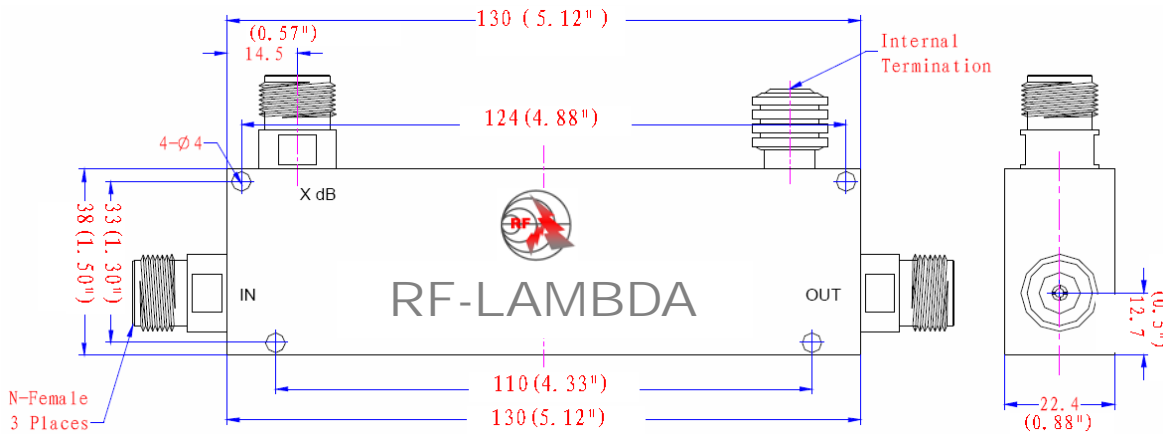



# HIGH POWER DIRECTIONAL COUPLER ---RFDC7M1GXX



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.	-35°C~+65°C
2.2	Storage Temp.	-40°C~+70°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 11msec

3.0 Electrical Specifications						
Part Number	Freq. (GHz)	Coupling (dB)	Insertion Loss (dB)	Directivity (dB)	Average Power (W)	VSWR
RFDC7M1G20	0.7-1.1	20	0.4	20	100	1.20
RFDC7M1G30	0.7-1.1	30	0.4	20	150	1.20
RFDC7M1G40	0.7-1.1	40	0.4	20	150	1.20
RFDC7M1G50	0.7-1.1	50	0.4	20	150	1.20

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	08
		ASSEMBLY REVISION	VS4A2
 <b>RFDC7M1GXX DIRECTIONAL COUPLER</b>		ASSEMBLY NAME	RFLVR07
		DRAWING NUMBER	D05-2
		www.rflambda.com	
RF-LAMBDA	SIZE LT	SHEETS 1	OF 1