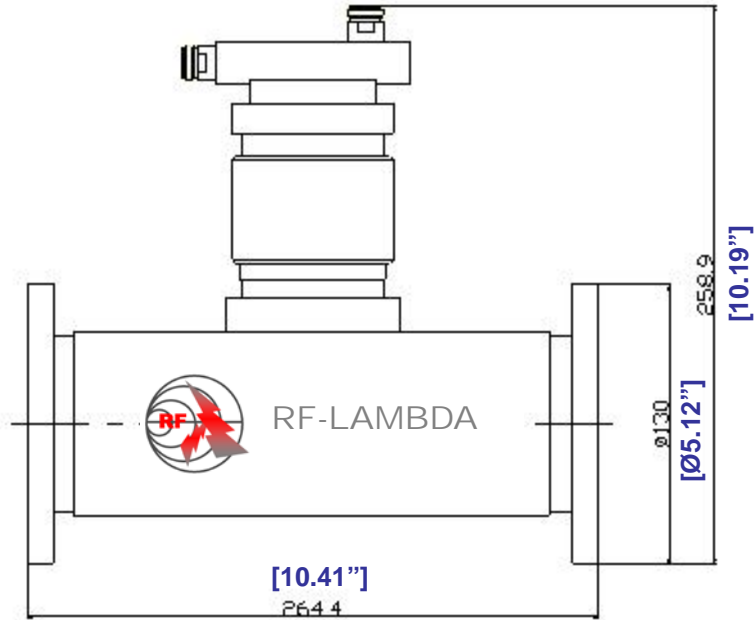


20KW HIGH POWER DIRECTIONAL COUPLER



1.0 Mechanical Specifications		
1.1	Connector	IF110 Brass, Nickel Plate
1.2	Connect Pins	Beryllium Copper, Gold Plate
1.3	Housing	Aluminum, Gray paint
1.4	Weight	3.85kg
1.5	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. (MHz)	Coupling (dB)	Insertion Loss (dB)	Directivity (dB)	CW Power (W)	VSWR
RFDC07M10M50	7.8-9.8	50 ± 2	≤ 0.3	≥ 30	≤ 20k	≤ 1.10
RFDC10M22M50	15.8-21.8	50 ± 2	≤ 0.3	≥ 30	≤ 20k	≤ 1.10

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DESIGN		RFPC
RF-LAMBDA		RFPC
CAD MODEL REVISION		08
ASSEMBLY REVISION		VS4A2
ASSEMBLY NAME		RF-LV07
DRAWING NUMBER		D05-2
www.rflambda.com		
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1