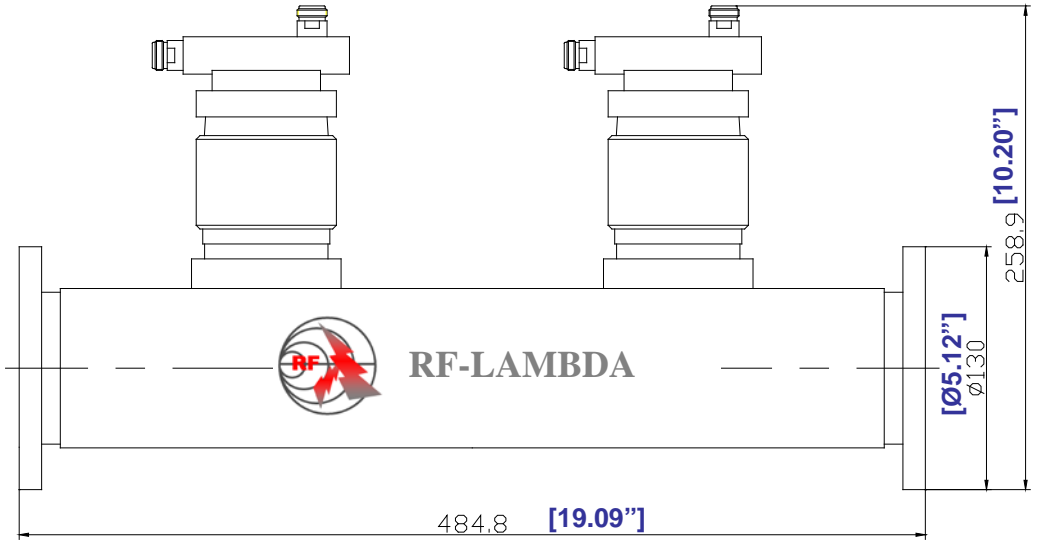



# 20KW HIGH POWER DUAL DIRECTIONAL COUPLER



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	7.6kg
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
RFDDC07M10M50	7.8-9.8	50±2	≤0.3	≥30	≤20k	≤ 1.10
RFDDC10M22M50	15.8-21.8	50±2	≤0.3	≥30	≤20k	≤ 1.10

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 <b>20K HIGH POWER DUAL DIRECTIONAL COUPLER</b> <a href="http://www.rflambda.com">www.rflambda.com</a>	DESIGN RFFC
	RF-LAMBDA RFFC
	CAD MODEL REVISION 08
	ASSEMBLY REVISION VS4A2
	ASSEMBLY NAME RFLVR07
	DRAWING NUMBER D05-2
RF-LAMBDA	SIZE LT SHEETS 1 OF 1