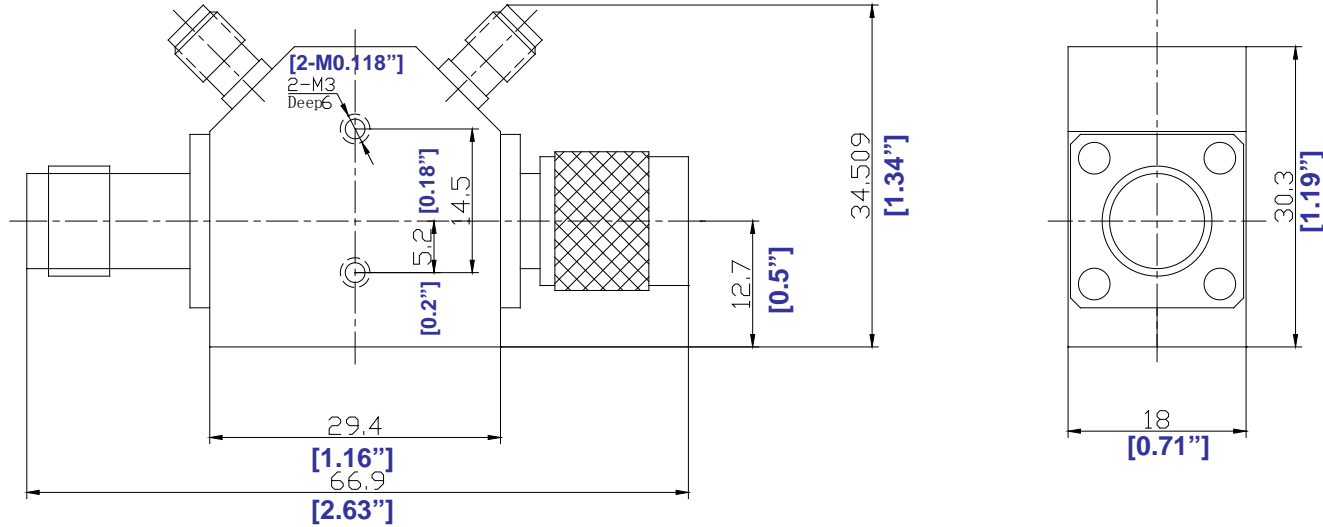


300W DIRECTIONAL COUPLER

---RFDC9G10G40



1.0	Mechanical Specifications	
1.1	Connector	TNC(J,K) Brass, Nickel Plate
1.2	Connect Pins	Beryllium Copper, Gold Plate
1.3	Housing	Aluminum, Gray 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 11msec

3.0	Electrical Specifications					
Part Number	Freq. (GHz)	Coupling (dB)	Insertion Loss (dB)	Directivity (dB)	Average Power (W)	VSWR
RFDC9G10G40	9-10	40 ± 2	≤ 0.6	≥ 10	300	≤ 1.4

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	RF-LAMBDA RFPC
	CAD MODEL REVISION 08
	ASSEMBLY REVISION VS4A2
	ASSEMBLY NAME RFLVR07
	DRAWING NUMBER D05-2
www.rflambda.com	
RF-LAMBDA	SIZE LT
	SHEETS 1 OF 1