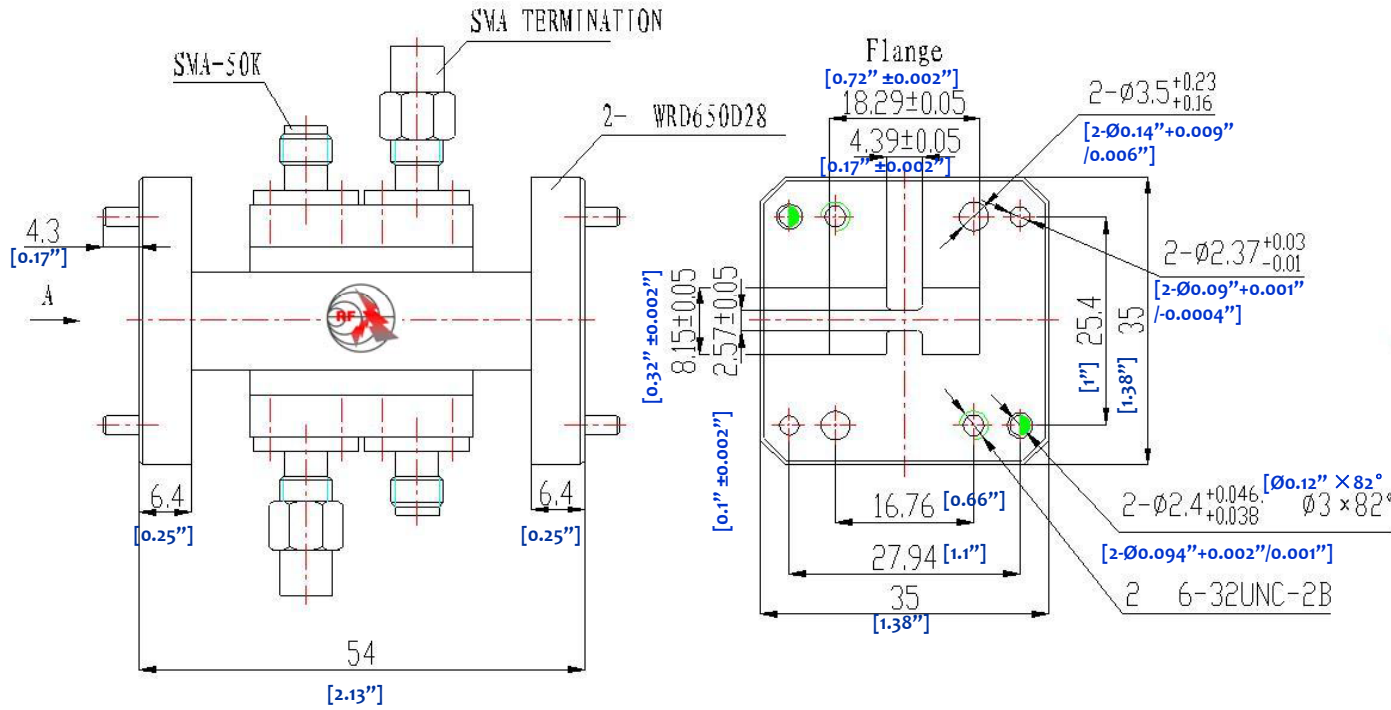


# WAVEGUIDE WRD650 DOUBLE RIDGED DUAL DIRECTIONAL COUPLER - RWGCP650DR



3.0	Electrical Specifications	
3.1	Frequency Range	6.5~18GHz
3.2	Coupling forward	40+/-3dB
3.3	Coupling Reverse	40+/-3dB
3.3	Directivity	11dB min
3.4	VSWR	1.30 : 1 (primary) 1.60 : 1 (Secondary)
3.5	Insertion Loss	0.5dB max.
3.6	Average Power	250W
3.7	Peak Power	5KW

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Double Ridge WRD650
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Cuprum
1.5	Internal Body Finish	Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/black epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-60°C~+125°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

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		Feb 14 <sup>th</sup> 2007
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		RFPC
		RF-LAMBDA
		RFPC
		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
		ASSEMBLY NAME
		RFLVR04
		DRAWING NUMBER
		D02-5
www.rflambda.com		
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1