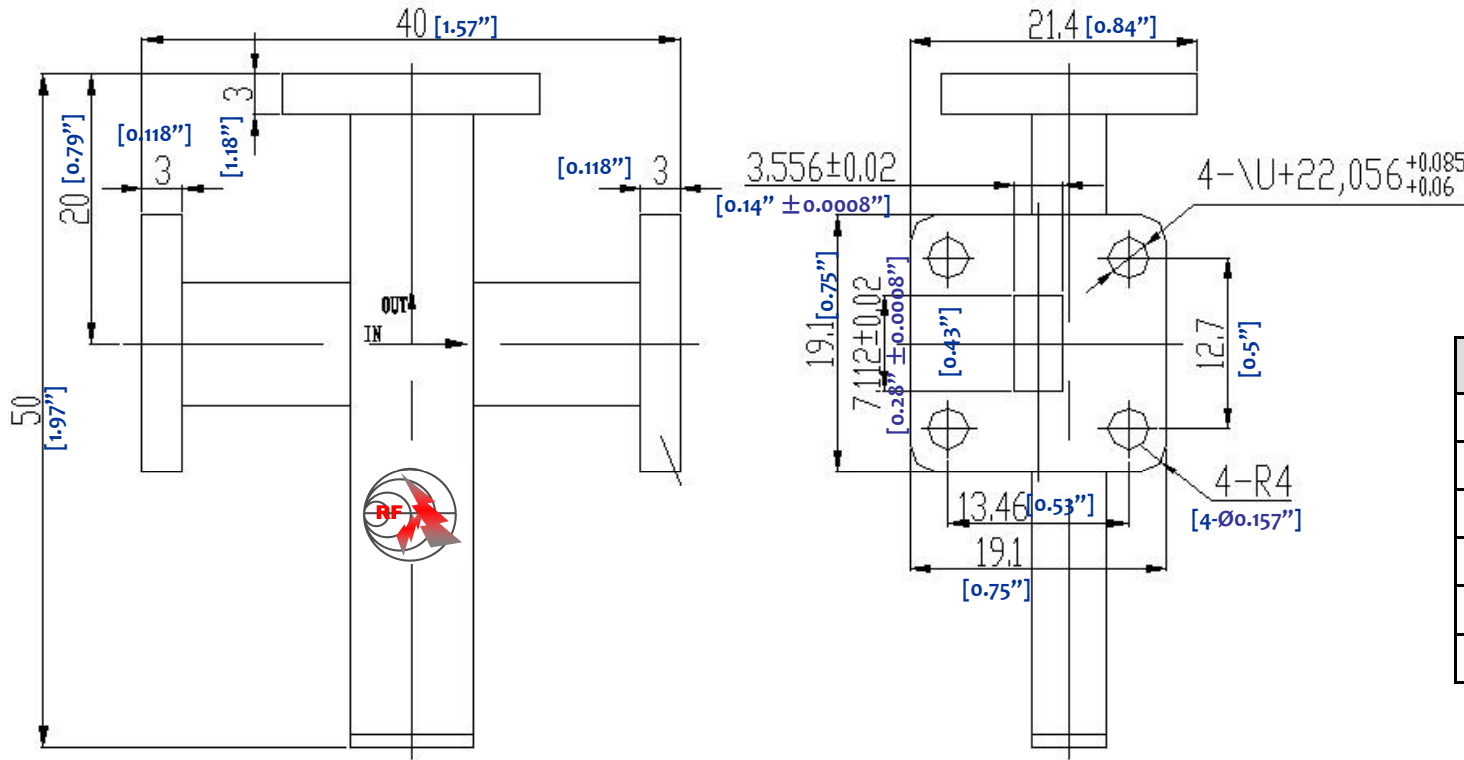


# WAVEGUIDE WR28 CROSSGUIDE DIRECTIONAL COUPLER- RWGCP28SG



3.0 Electrical Specifications	
3.1	Frequency Range 33~36GHz
3.2	Coupling 10dB
3.3	Directivity 15dB min
3.4	VSWR 1.05
3.5	Insertion Loss 0.2dB max.
3.6	Average Power 50W

1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR28
1.2	Flange type CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes Through
1.4	Basis-material Cuprum
1.5	Internal Body Finish Silver 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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		Apr 19 <sup>th</sup> 2007
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		RFPC
		RF-LAMBDA
		RFPC
		CAD MODEL REVISION
		0-4
		ASSEMBLY REVISION
		VS2D5
		ASSEMBLY NAME
		RFLVR011
		DRAWING NUMBER
		D02-1
<a href="http://www.rflambda.com">www.rflambda.com</a>		
<b>RF-LAMBDA</b>		
SIZE	SHEETS	
LT	1 OF 1	