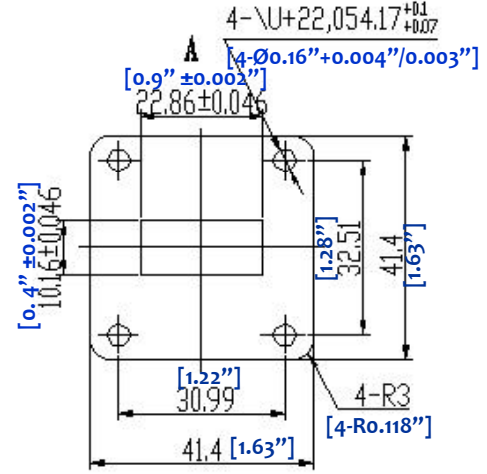



# WAVEGUIDE WR90 HIGH DIRECTIVITY COUPLER -RWGCP90SG



3.0 Electrical Specifications		
3.1	Frequency Range	8.0~10GHz
3.2	Coupling	40dB
3.3	Directivity	38dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	1000W

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular WR90
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 11msc

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		Jul 9 <sup>th</sup> 2008
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 <b>RWGCP90SG WAVEGUIDE COUPLER</b>		DESIGN RFPC
<a href="http://www.rflambda.com">www.rflambda.com</a>		RF-LAMBDA RFPC
<b>RF-LAMBDA</b>		CAD MODEL REVISION 1-4
SIZE LT	SHEETS	ASSEMBLY REVISION VS20-3
	1 OF 1	ASSEMBLY NAME RFLVR04
		DRAWING NUMBER D02-5