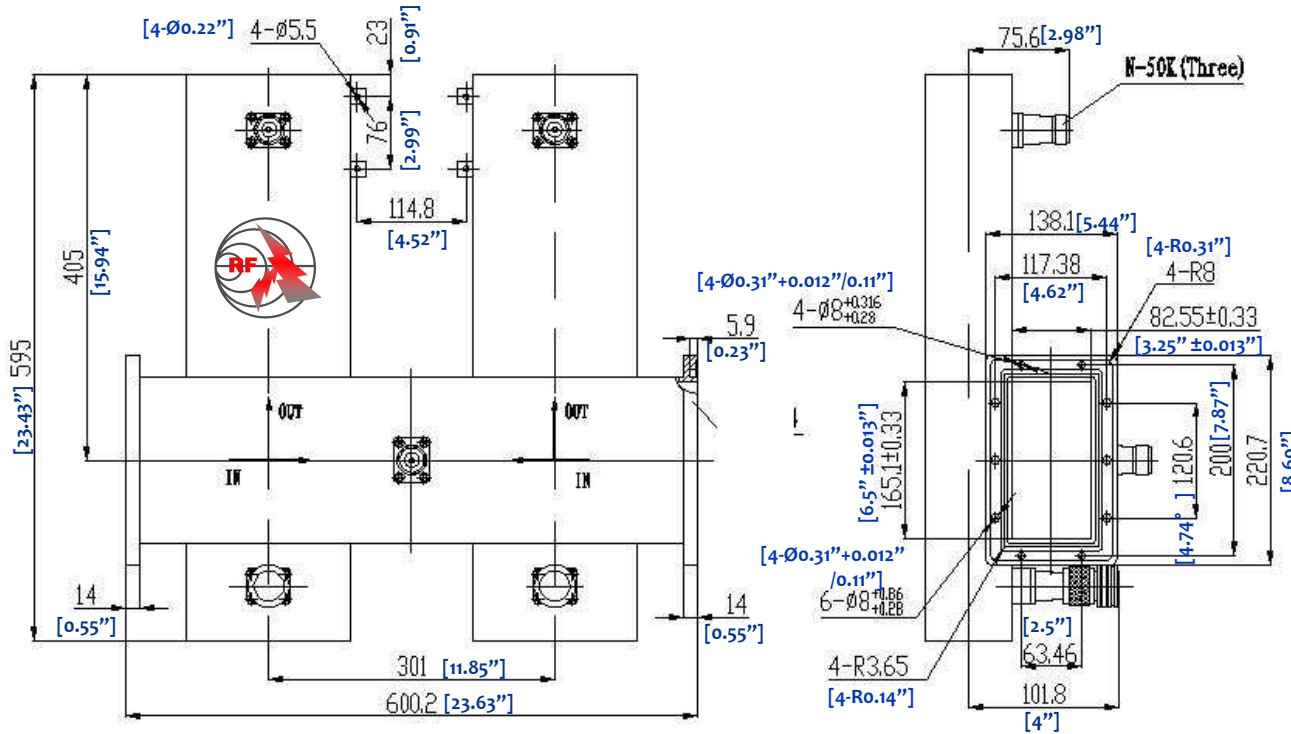


WAVEGUIDE WR650 CROSSGUIDE DUAL DIRECTIONAL COUPLER -RWGDCP650SA



3.0	Electrical Specifications	
3.1	Frequency Range	1.25~1.35GHz
3.2	Coupling forward	56+/-0.5dB
3.3	Coupling Reverse	53+/-0.5dB
3.3	Directivity	25dB min
3.4	VSWR	1.05
3.5	Insertion Loss	0.15dB max.
3.6	Average Power	4000W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular CrossGuide WR650
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

PAGE	OF	DATE
		Jul 9 th 2008
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		RFPC
		RFPC
		CAD MODEL REVISION
 RWGDCP650SAWA VEGUIDE COUPLER		1-4
		ASSEMBLY REVISION
		VS20-3
www.rflambda.com RF-LAMBDA		ASSEMBLY NAME
		RFLVR04
SIZE LT		DRAWING NUMBER
		D02-5
SHEETS 1 OF 1		