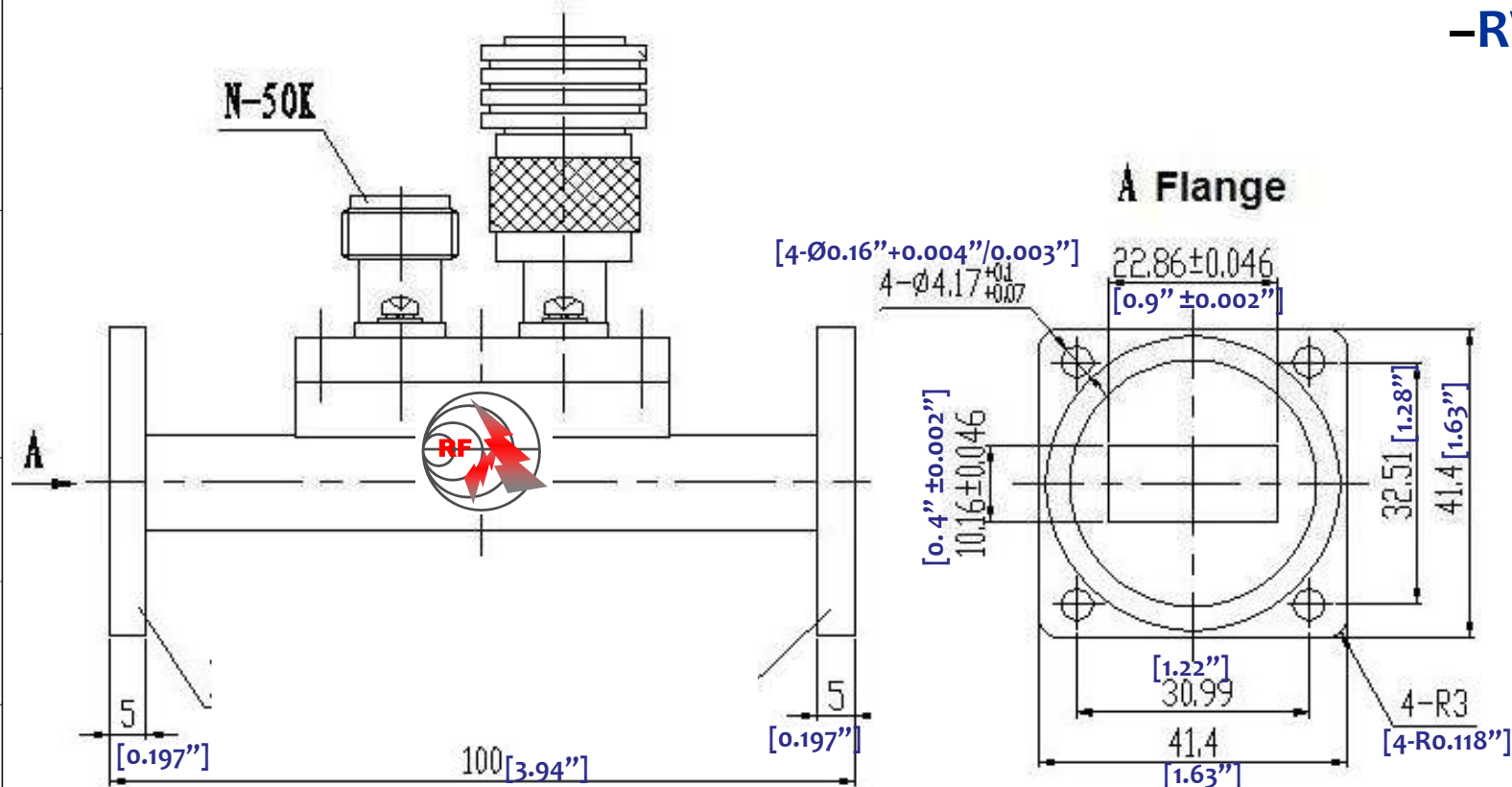


WAVEGUIDE WR90 CIRCULATOR DIRECTIONAL COUPLER -RWGCP90SK



3.0	Electrical Specifications	
3.1	Frequency Range	8.0~10GHz
3.2	Coupling	43dB
3.3	Directivity	28dB min
3.4	VSWR	1.05
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	200W

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 11msec

PAGE	OF	DATE
		Jul 9 th 2008
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		RFPC
		RF-LAMBDA
		RFPC
 RWGCP90SKWAVE GUIDE COUPLER		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
www.rflambda.com		VS20-3
		ASSEMBLY NAME
RF-LAMBDA		RFLVR04
		DRAWING NUMBER
SIZE LT		D02-5
		SHEETS
1 OF 1		