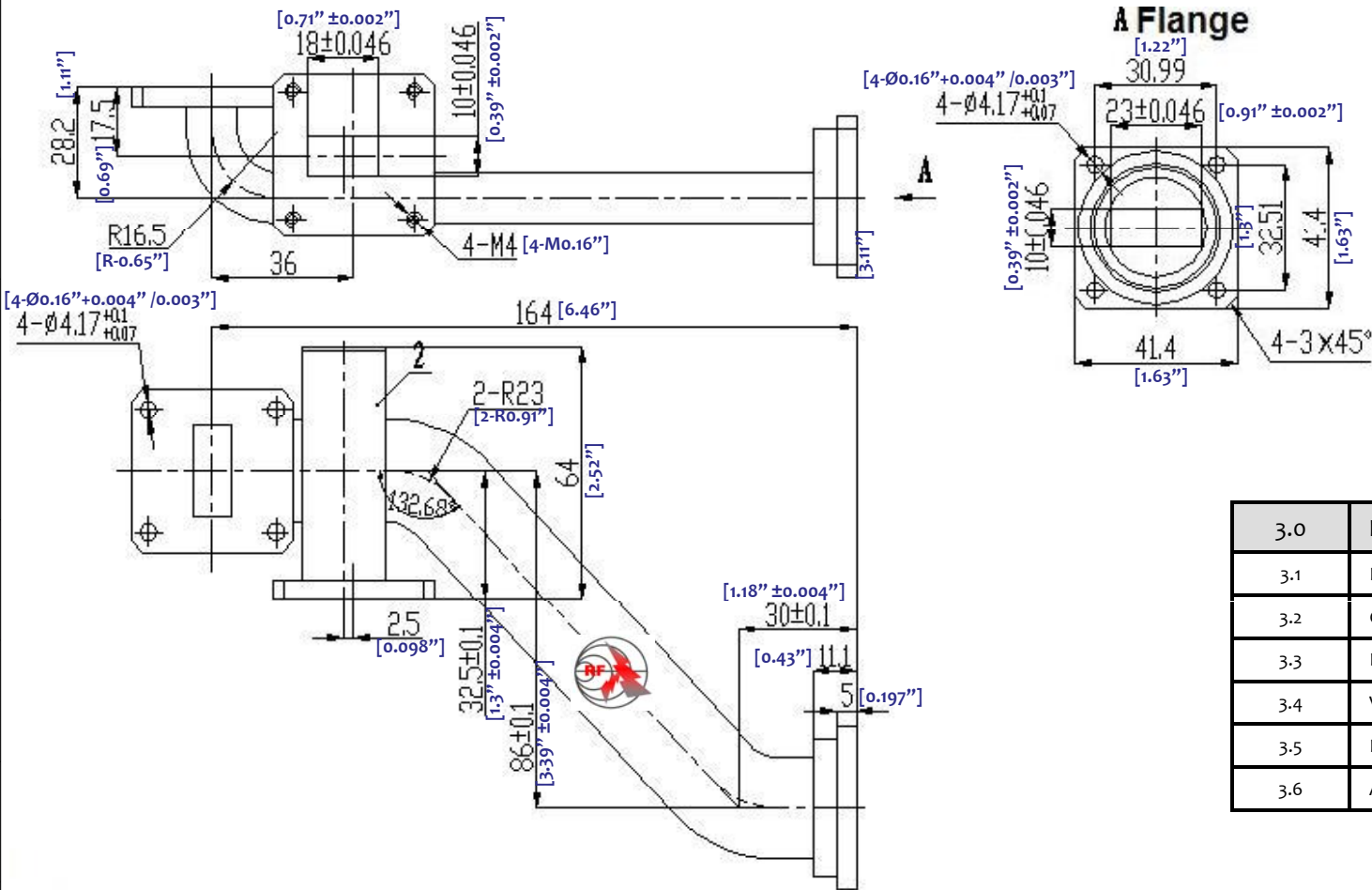


WAVEGUIDE WR90
CROSSGUIDE
DIRECTIONAL
COUPLER
-RWGCP90SF



3.0	Electrical Specifications	
3.1	Frequency Range	8.5~9.6GHz
3.2	Coupling	60dB
3.3	Directivity	18dB min
3.4	VSWR	1.5
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 11msec

PAGE OF		DATE	Jul 9 th 2008
 RWGCP90SF WAVEGUIDE COUPLER www.rflambda.com		DESIGN	
		RFPC	
		RF-LAMBDA	
		RFPC	
		CAD MODEL REVISION	
		1-4	
		ASSEMBLY REVISION	
		VS20-3	
		ASSEMBLY NAME	
		RFLVR04	
		DRAWING NUMBER	
		D02-5	
RF-LAMBDA		SIZE	SHEETS
		LT	1 OF 1