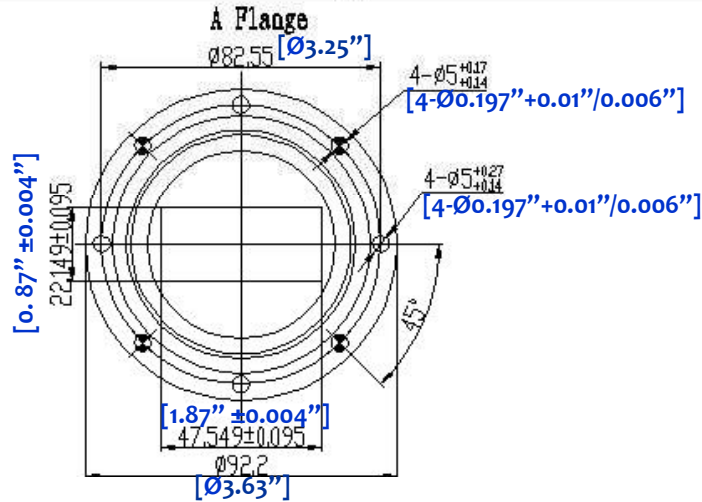
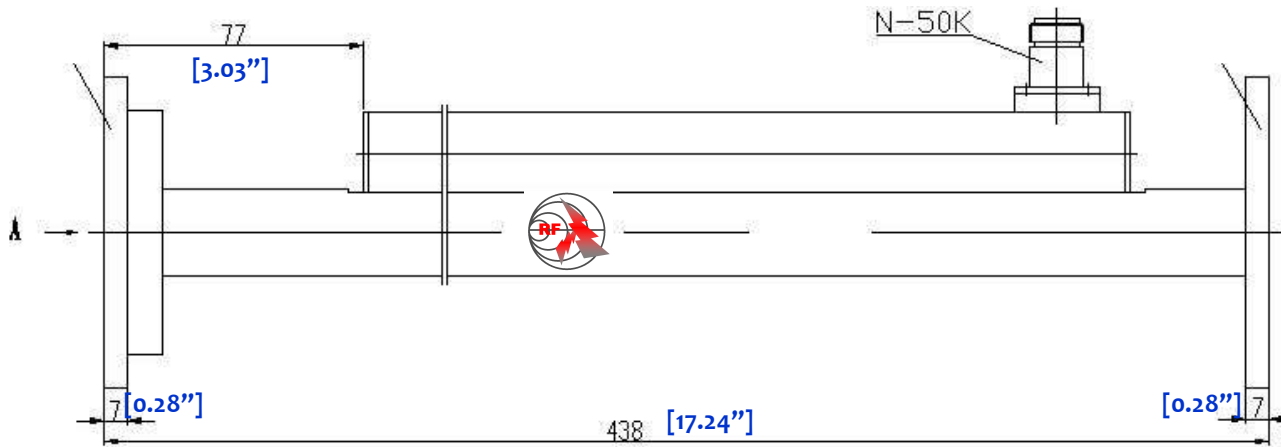


WAVEGUIDE WR187 HIGH DIRECTIVITY DIRECTIONAL COUPLER -RWGCP187SC



3.0	Electrical Specifications	
3.1	Frequency Range	4.5-4.9GHz
3.2	Coupling	60 ± 0.5dB
3.3	Directivity	30dB min
3.4	VSWR	1.07
3.5	Insertion Loss	0.20dB max.
3.6	Average Power	6000W



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular WR187
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
		RF-LAMBDA
		RFPC
		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
		ASSEMBLY NAME
		RFLVR04
		DRAWING NUMBER
		D02-5
www.rflambda.com		
RF-LAMBDA		SIZE LT
		SHEETS 1 OF 1



**RWGCP187SC
WAVEGUIDE
COUPLER**