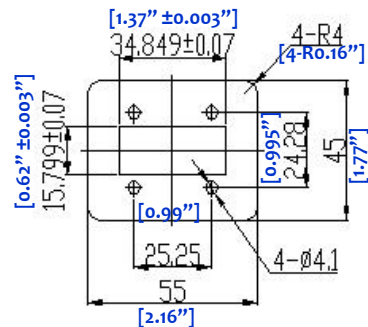
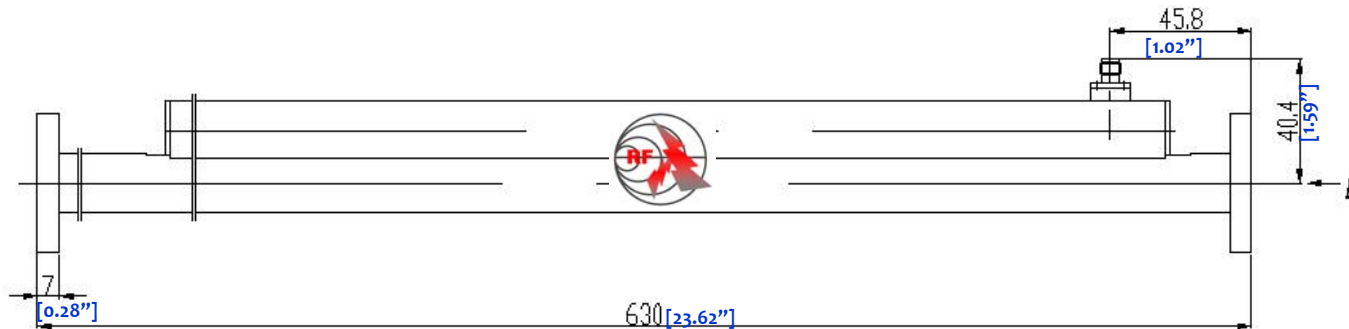


WAVEGUIDE WR137 HIGH DIRECTIVITY DIRECTIONAL COUPLER -RWGCP137SD



3.0	Electrical Specifications	
3.1	Frequency Range	5.38-8.17GHz
3.2	Coupling	10dB
3.3	Directivity	38dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.20dB max.
3.6	Average Power	200W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular WR137
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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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
 RWGCP137SD WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1