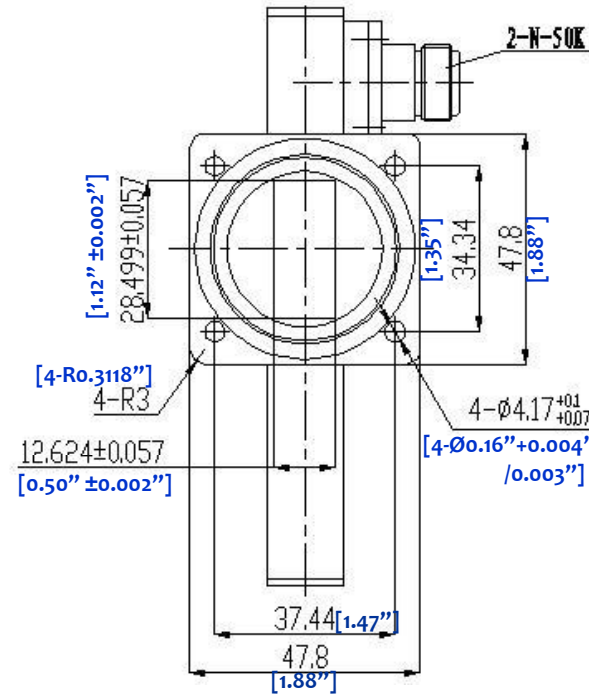
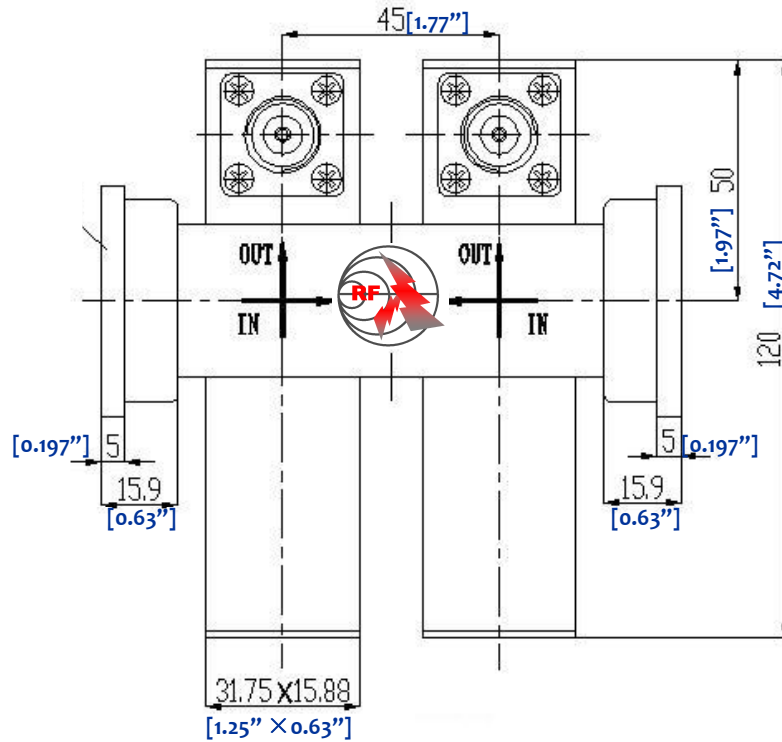


WAVEGUIDE WR112 CROSSGUIDE DUAL DIRECTIONAL COUPLER -RWGDCP112SA



3.0	Electrical Specifications	
3.1	Frequency Range	8.25~8.85GHz
3.2	Coupling forward	58 ± 0.5dB
3.3	Coupling Reverse	46 ± 0.5dB
3.3	Directivity	25dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	4000W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular CrossGuide WR112
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
 RWGDCP112SAWA VEGUIDE COUPLER		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1