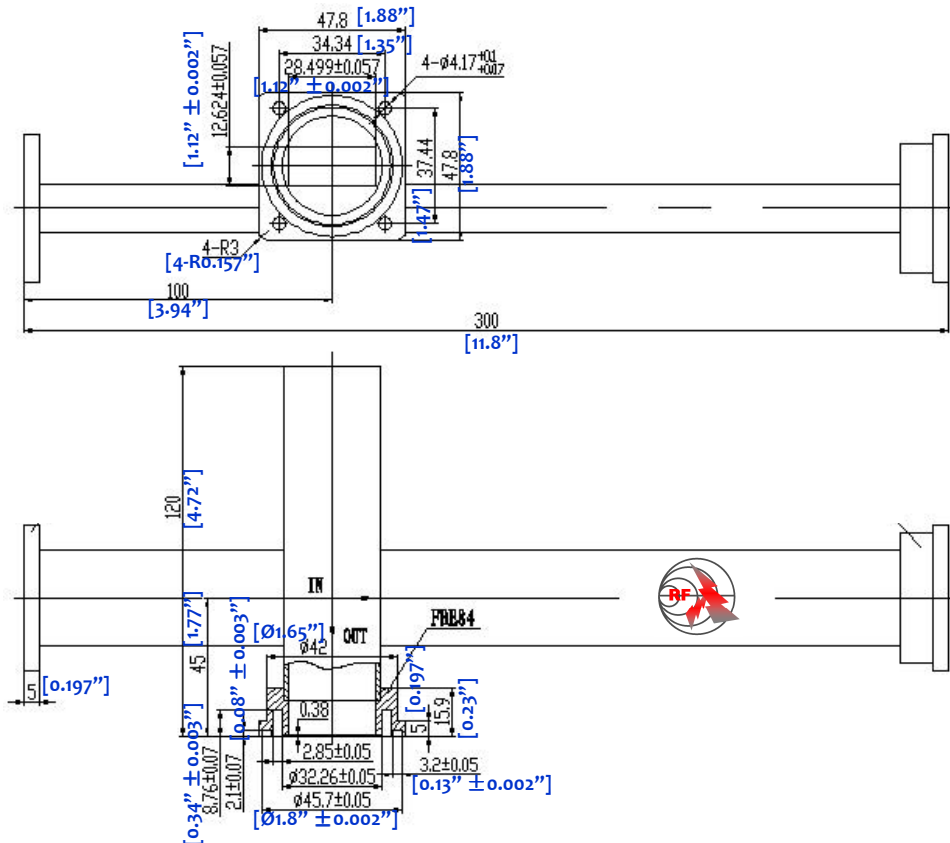


WAVEGUIDE WR112

GROSSGUIDE DIRECTIONAL COUPLER

– RWGCP112SD



3.0	Electrical Specifications	
3.1	Frequency Range	9.27~19.33GHz
3.2	Coupling	50dB
3.3	Directivity	17dB
3.5	VSWR	1.1
3.6	Insertion Loss	0.2dB
3.7	Power Handling	1000W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR112
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	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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		Feb 14 th 2007
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		RFPC
		RF-LAMBDA
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 RWGCP112SD WAVEGUIDE COUPLER		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
www.rflambda.com RF-LAMBDA		ASSEMBLY NAME
		RFLVR04
SIZE LT		DRAWING NUMBER
		D02-5
SHEETS		1 OF 1