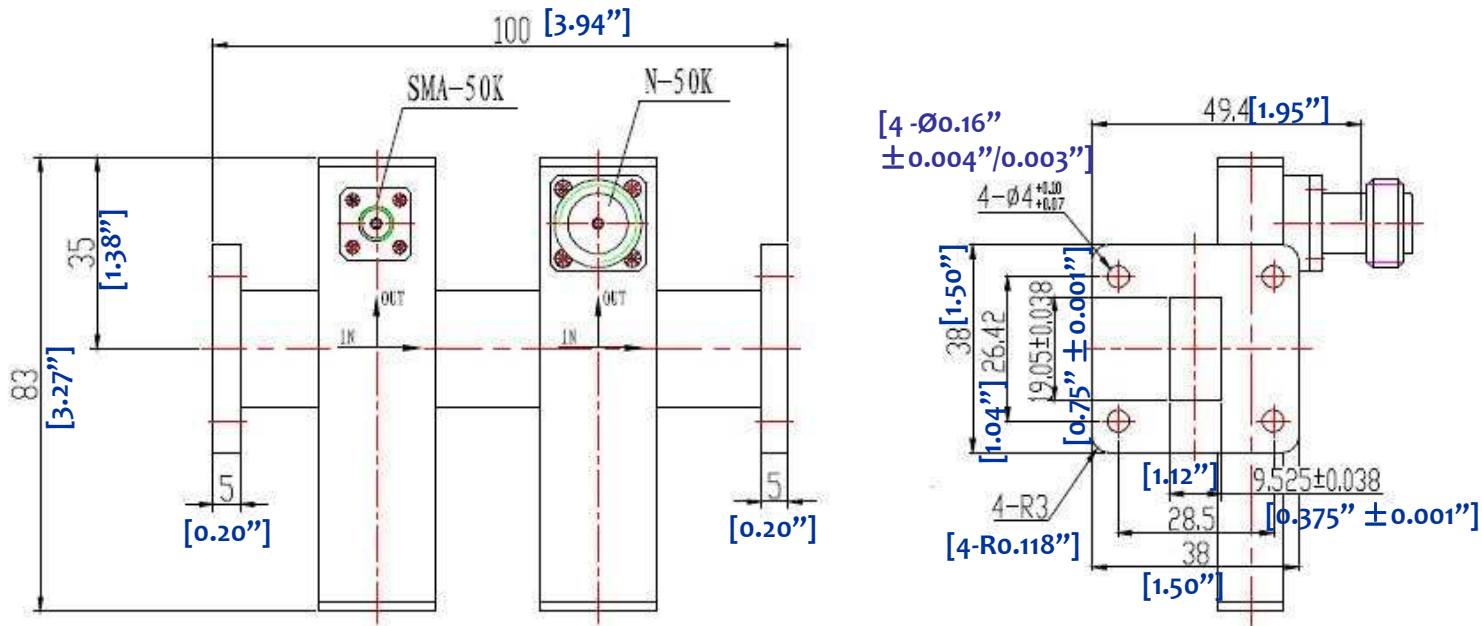



WAVEGUIDE WR75 CROSSGUIDE DIRECTIONAL COUPLER – RWGCP75SE



3.0 Electrical Specifications		
3.1	Frequency Range	10-15GHz (BW<2GHz)
3.2	Directivity min	20dB
3.3	Coupling	40 ± 1.5dB
3.4	VSWR	1.1 : 1
3.5	Insertion Loss	0.2dB

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR75
1.2	Flange type	CPRF COVER CPRG
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Aluminum
1.5	Internal Body Finish	Silver Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/black epoxy enamel

2.0 Environment specifications		
2.1	Operation Temp.	-54°C~+71°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

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	0-4
		ASSEMBLY REVISION	VS2D5
 RWGCP75SE WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR011
		DRAWING NUMBER	D02-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1