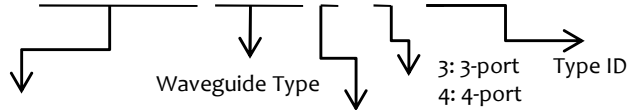
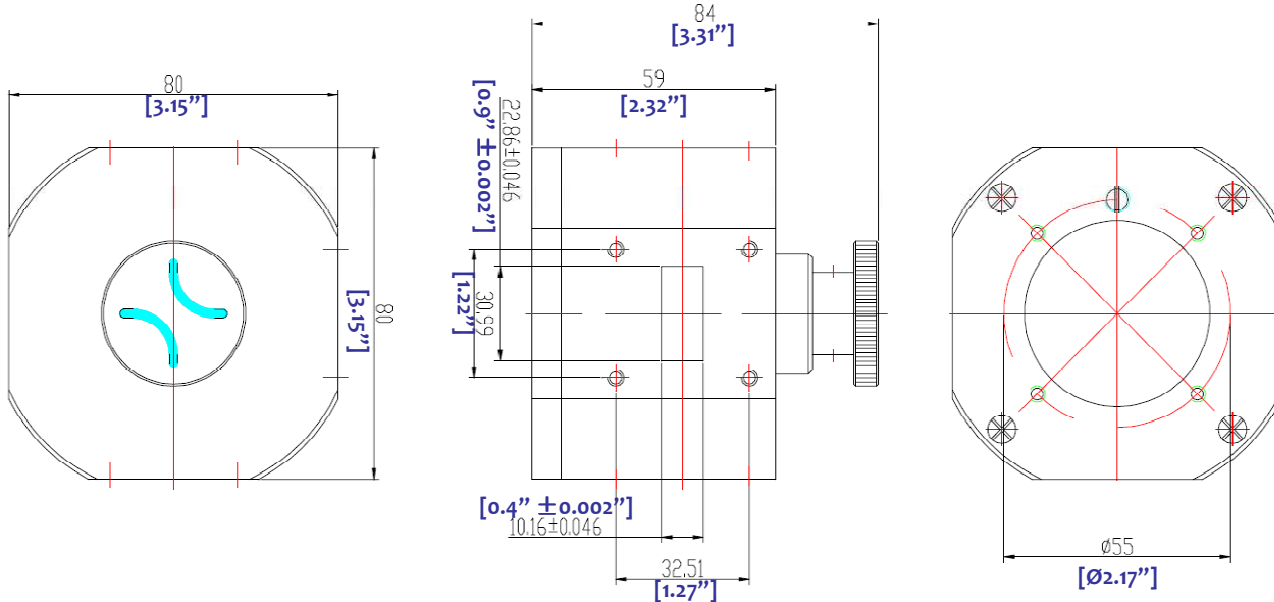


# WAVEGUIDE WR90 4-PORT DPDT MANUAL SWITCH

– **RFWSW 90 M 4 A**



**E:** Electrical Driven  
**M:** Manual Driven



3.0 Electrical Specifications		
3.1	Frequency Range	8.2-12.4GHz (BW 1GHz. )
3.2	Forward Power	200W (CW)
3.3	Peak Power	25kW (1us pulse)
3.4	Isolation	60dB
3.5	VSWR (master)	1.15 : 1
3.6	Insertion Loss	0.2dB

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

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	COVER,
1.3	Flange Holes	Tapped holes
1.4	Basis-material	Copper
1.5	Internal Body Finish	Silver Plated chromate or conversion
1.6	External Body Finish	Corrosion protected with black paint

PAGE	OF	DATE	Jun 21 <sup>st</sup> 2004
<b>RFWSW90M4A WAVEGUIDE 4- PORT DPDT SWITCH</b>		DESIGN	RFPC
		RF-LAMBDA	RFPC
		CAD MODEL REVISION	0-4
		ASSEMBLY REVISION	VS2DS
		ASSEMBLY NAME	RFLVR011
		DRAWING NUMBER	D02-1
www.rflambda.com		SIZE	SHEETS
<b>RF-LAMBDA</b>		LT	1 OF 1