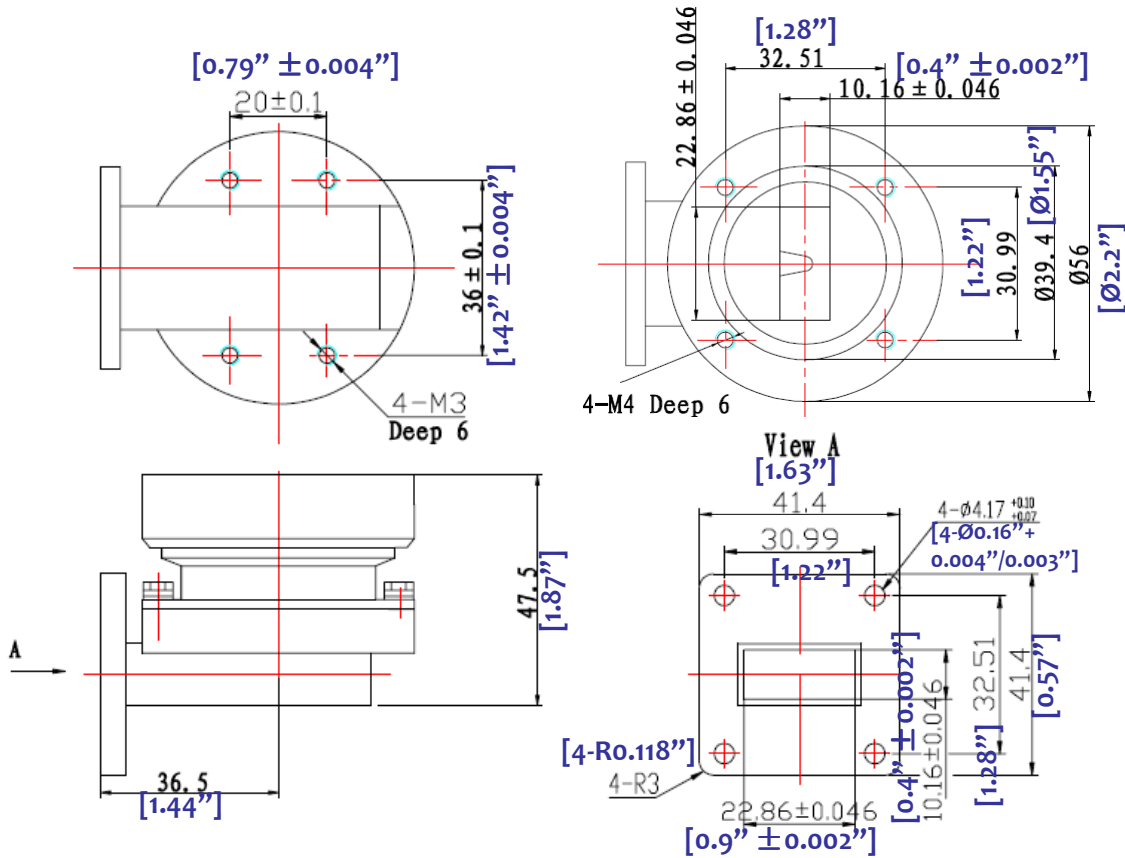


# WR90 WAVEGUIDE "L" SHAPE SINGLE CHANNEL ROTARY JOINT --- RFWRJ90SL




1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	Square Cover
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Copper
1.5	Internal Finish	Sliver Plating
1.6	External Finish	Corrosion protected with black paint

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+70°C
2.2	Storage Temp.	-50°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



3.0 Electrical Specifications		
3.1	Frequency Range	8.20-12.4GHz range Bandwidth 300MHz (9.5-9.9GHz as shown)
3.2	Max. Insertion Loss / IL WOW	0.25dB / 0.05
3.3	Max. VSWR / VSWR WOW	1.20:1 / 0.05
3.4	Power (average / Peak)	300W(CW) / 3KW

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	RF-LAMBDA RFPC
	CAD MODEL REVISION 11
	ASSEMBLY REVISION VS5DS
 <b>RFWRJ90SL WAVEGUIDE ROTARY JOINT</b>	ASSEMBLY NAME RFLVR05
	DRAWING NUMBER D05:1
www.rflambda.com	
<b>RF-LAMBDA</b>	SIZE LT SHEETS 1 OF 1