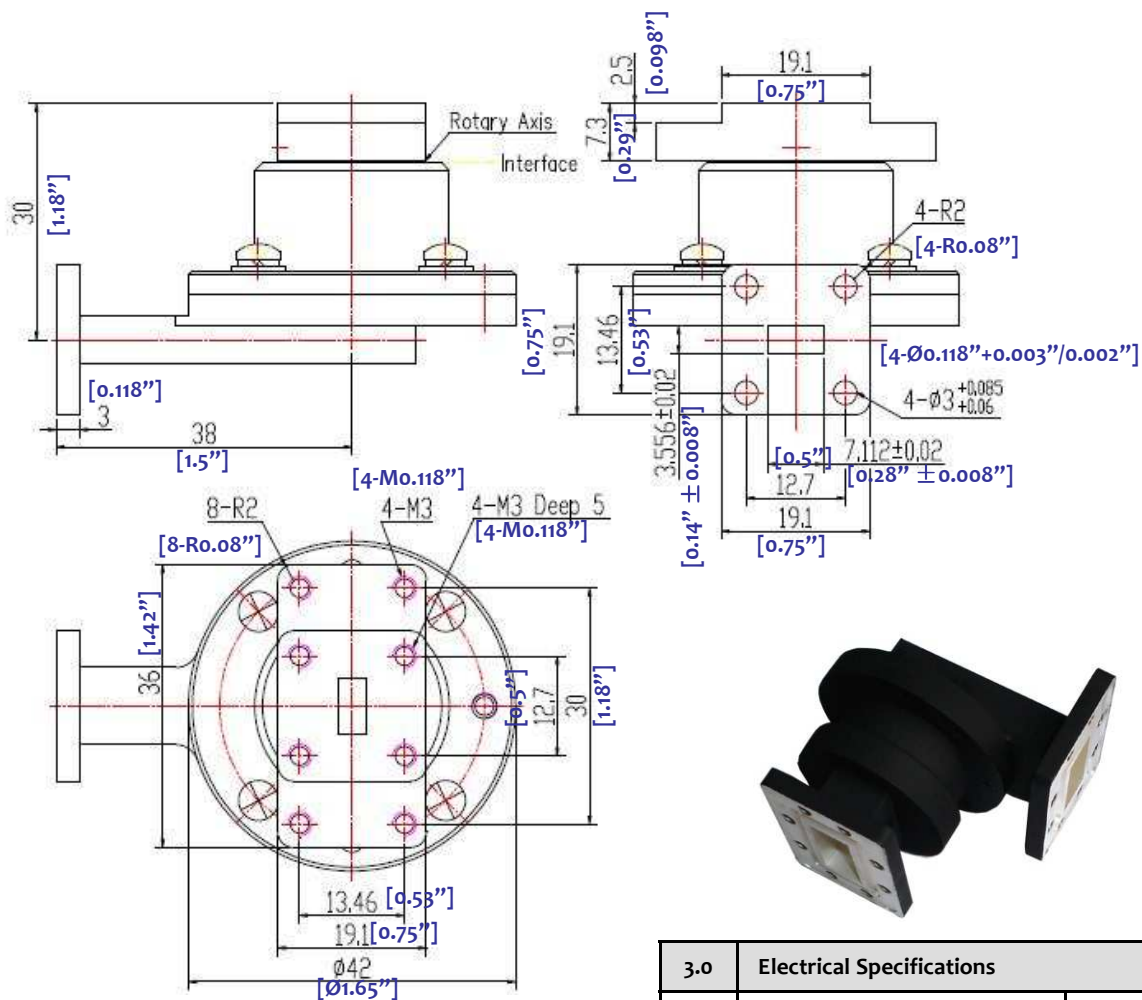



# WR28 WAVEGUIDE "L" SHAPE ROTARY JOINT --- RFWRJ28SL



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide <b>WR28</b>
1.2	Flange type	Square Cover
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Cuprum
1.5	Internal Finish	Sliver Plating
1.6	External Finish	Corrosion protected with black paint

2.0	Environment specifications	
2.1	Operation Temp.	-30°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	26.5-40.0GHz (BW <=2GHz) 34.5-35.5GHz (as shown)
3.2	Max. Insertion Loss/IL WOW	0.4dB/0.2dB
3.3	Max. VSWR / VSWR WOW	1.3:1 /0.2
3.4	Power Handling(average)	50W(CW) / 30KW peak 0.1%, 0.5us

PAGE 1 OF 1		DATE	Jun 21 <sup>st</sup> 2006
<small>           PROPRIETARY INFORMATION            THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE            PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY            AUTHORIZED IN WRITING BY RF-LAMBDA. THE HOLDER OF            THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED            HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE            WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION            OF ALL THIRD PARTIES AND SHALL USE SAME FOR            OPERATING AND MAINTENANCE PURPOSES ONLY         </small>		DESIGN	RFPC
		RF-LAMBDA	RFPC
		CAD MODEL REVISION	11
		ASSEMBLY REVISION	V55D5
 <b>RFWRJ28SL</b> <b>WAVEGUIDE</b> <b>ROTARY JOINT</b>		ASSEMBLY NAME	RFLVR05
		DRAWING NUMBER	D05-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1