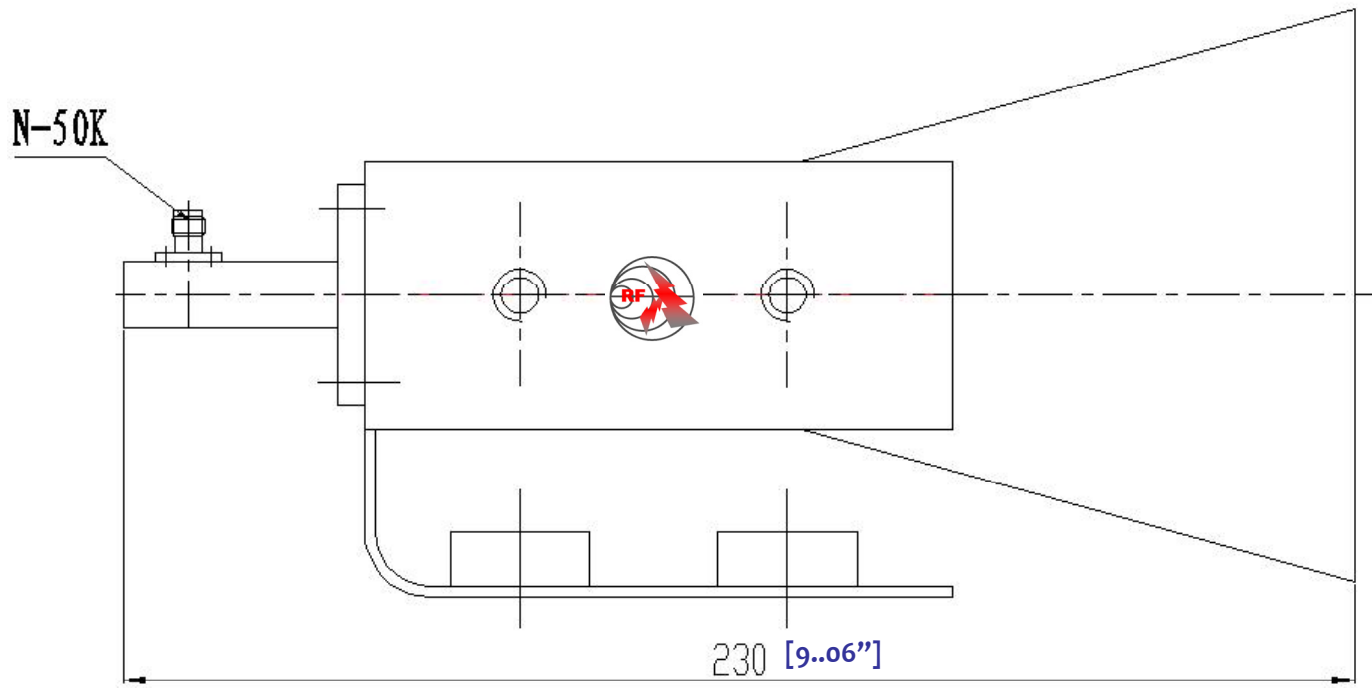



# WR90 WAVEGUIDE STANDARD GAIN HORN ANTENNA – RW90HORN10B



3.0 Electrical Specifications	
3.1	Frequency Range 9–10GHz
3.2	Gain 10dB
3.2	VSWR 1.5:1 (max)

1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide <b>WR90</b>
1.2	Flange type CPRF, COVER
1.3	Flange Holes Through
1.4	Basis-material Brass
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. -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

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 WRITINGS 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>		
 <b>RW90HORN10B</b> <b>WAVEGUIDE HORN ANTENNA</b>		DESIGN RFPC
		RF-LAMBDA RFPC
		CAD MODEL REVISION 11
		ASSEMBLY REVISION VS5DS
		ASSEMBLY NAME RFLVR05
DRAWING NUMBER D05-1		
<a href="http://www.rflambda.com">www.rflambda.com</a> <b>RF-LAMBDA</b>		SIZE LT SHEETS 1 OF 1