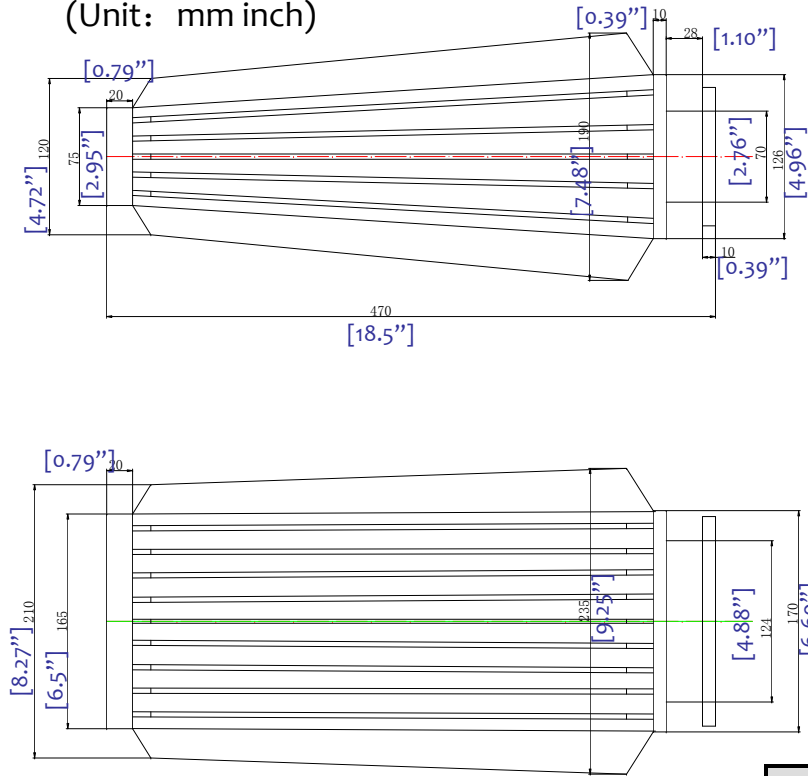


WAVEGUIDE 3000W HIGH POWER TERMINATION – RFWT430F

(Unit: mm inch)



1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR-430
1.2	Flange type CPRG430
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
2.6	Shock 20G for 11msc

3.0 Electrical Specifications	
3.1	Frequency Range 1.72 ~2.6GHz
3.2	Power Handling 3000W (CW)
3.3	Peak Power 50KW
3.4	Max. VSWR 1.20:1

PAGE 1 OF 1	DATE Jun 21 st 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>	
DESIGN RFPC	
RF-LAMBDA RFPC	
CAD MODEL REVISION 11	
ASSEMBLY REVISION VS5DS	
ASSEMBLY NAME RFLVR05	
DRAWING NUMBER D05-1	
www.rflambda.com	
RF-LAMBDA	SIZE LT SHEETS 1 OF 1