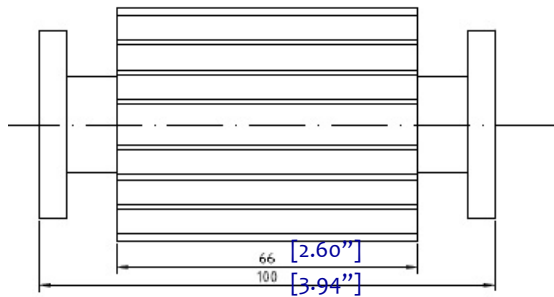
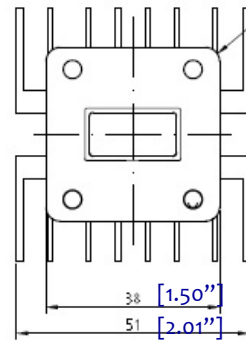
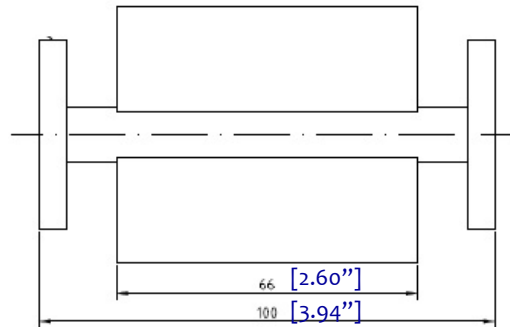


# WAVEGUIDE WR62 30W ATTENUATOR – RFWAT62W020



| 3.0 | Electrical Specifications |                  |
|-----|---------------------------|------------------|
| 3.1 | Frequency Range           | 12.4-18GHz       |
| 3.2 | Power Handle              | 30W (CW)         |
| 3.3 | Attenuation               | 20dB $\pm$ 1.5dB |
| 3.4 | VSWR                      | 1.25:1           |



| 1.0 | Mechanical Specifications |                                           |
|-----|---------------------------|-------------------------------------------|
| 1.1 | Waveguide type            | Rectangular Waveguide WR62                |
| 1.2 | Flange type               | CPRG, CPRF, COVER, CHOKE available        |
| 1.3 | Flange Holes              | Through                                   |
| 1.4 | Basis-material            | Alloyed Copper                            |
| 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.              | -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                     |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                    |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|---------------|
| PAGE 1 OF 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | DATE               | Dec 14th 2004 |
| <small>           PROPRIETARY INFORMATION<br/>           THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE<br/>           PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY<br/>           AUTHORIZED IN WRITING BY RF-LAMBDA. THE HOLDER OF<br/>           THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED<br/>           HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE<br/>           WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION<br/>           OF ALL THIRD PARTIES AND SHALL USE SAME FOR<br/>           OPERATING AND MAINTENANCE PURPOSES ONLY         </small> |  | DESIGN             | RFWGP         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | RF-LAMBDA          | RFC           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | CAD MODEL REVISION | 02            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ASSEMBLY REVISION  | VSD1          |
|  <b>RFWAT62W150</b><br><b>WAVEGUIDE</b><br><b>ATTENUATOR</b>                                                                                                                                                                                                                                                                                                                                                                                                                               |  | ASSEMBLY NAME      | RFLVR02       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | DRAWING NUMBER     | D02-1         |
| www.rflambda.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | SIZE               | LT            |
| RF-LAMBDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | SHEETS             | 1 OF 1        |