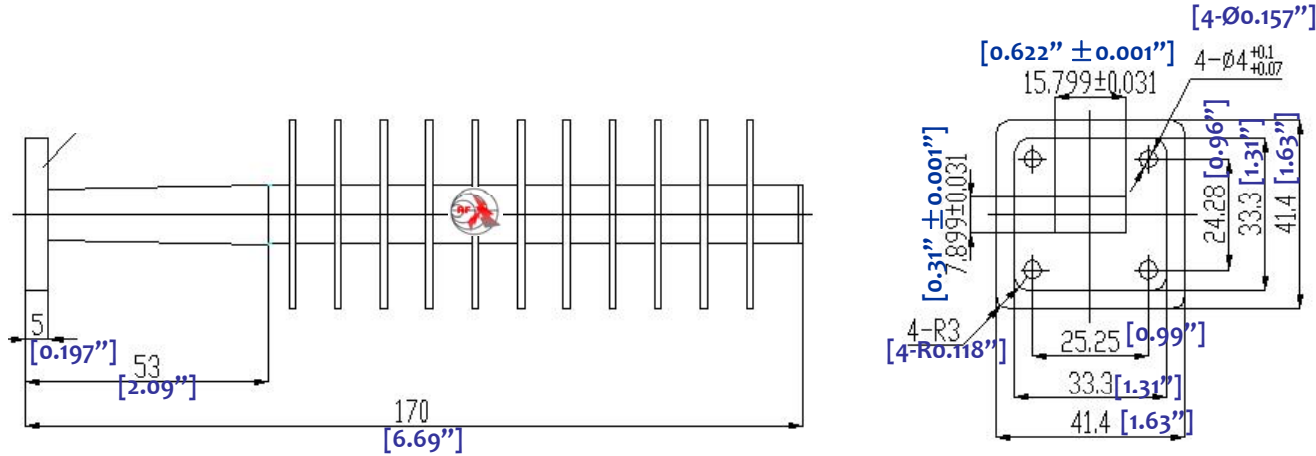


# WR62 WAVEGUIDE 100W HIGH POWER TERMINATION – RFWT62C



| 1.0 Mechanical Specifications |                      |   |
|-------------------------------|----------------------|---|
| 1.1                           | Waveguide type       | Rectangular Waveguide WR62                |
| 1.2                           | Flange type          | CPRF, COVER                               |
| 1.3                           | Flange Holes         | Through                                   |
| 1.4                           | Basis-material       | Alloyed Cuprum                            |
| 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~+85°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 | 12.4~18GHz   |
| 3.2                           | Average Power   | 100W (CW)    |
| 3.5                           | VSWR            | 1.25:1 (max) |

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| <br><b>RFWT62C</b><br><b>WAVEGUIDE</b><br><b>TERMINATION</b>   | DESIGN<br>RFPC<br>RF-LAMBDA<br>RFPC<br>CAD MODEL REVISION<br>11<br>ASSEMBLY REVISION<br>VS5DS<br>ASSEMBLY NAME<br>RFLVR05<br>DRAWING NUMBER<br>D05-1 |
| www.rflambda.com   | RF-LAMBDA  |
| SIZE<br>LT   | SHEETS<br>1 OF 1   |