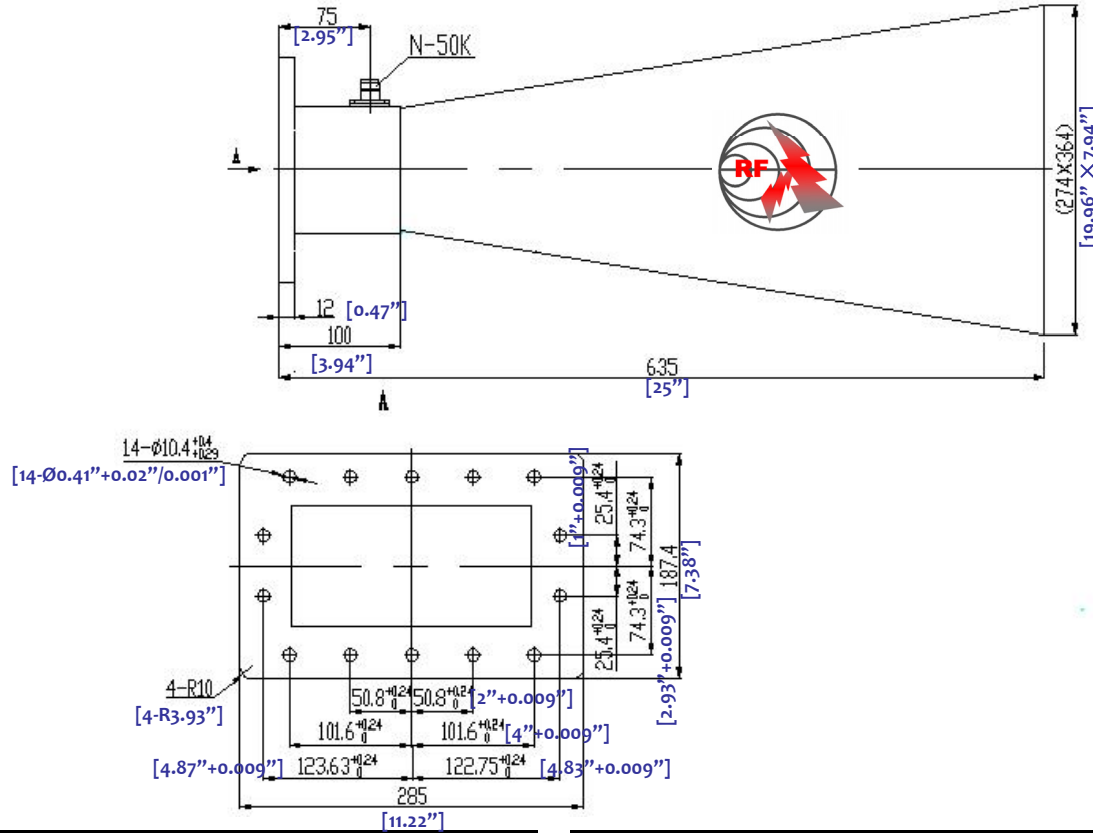



WR770 WAVEGUIDE STANDARD GAIN HORN ANTENNA – RW770HORN10A



| 3.0 | Electrical Specifications | |
|-----|---------------------------|-------------|
| 3.1 | Frequency Range | 0.9-1.5GHz |
| 3.2 | Gain | 10dB |
| 3.2 | VSWR | 1.5:1 (max) |

| 1.0 | Mechanical Specifications | |
|-----|---------------------------|---|
| 1.1 | Waveguide type | Rectangular Waveguide WR770 |
| 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 st 2006 |
|  RW770HORN10A WAVEGUIDE HORN ANTENNA | | DESIGN | RFPC |
| | | RF-LAMBDA | RFPC |
| | | CAD MODEL REVISION | 11 |
| | | ASSEMBLY REVISION | V55DS |
| www.rflambda.com | | ASSEMBLY NAME | RFLVR05 |
| RF-LAMBDA | | DRAWING NUMBER | D05-1 |
| SIZE | LT | SHEETS | 1 OF 1 |