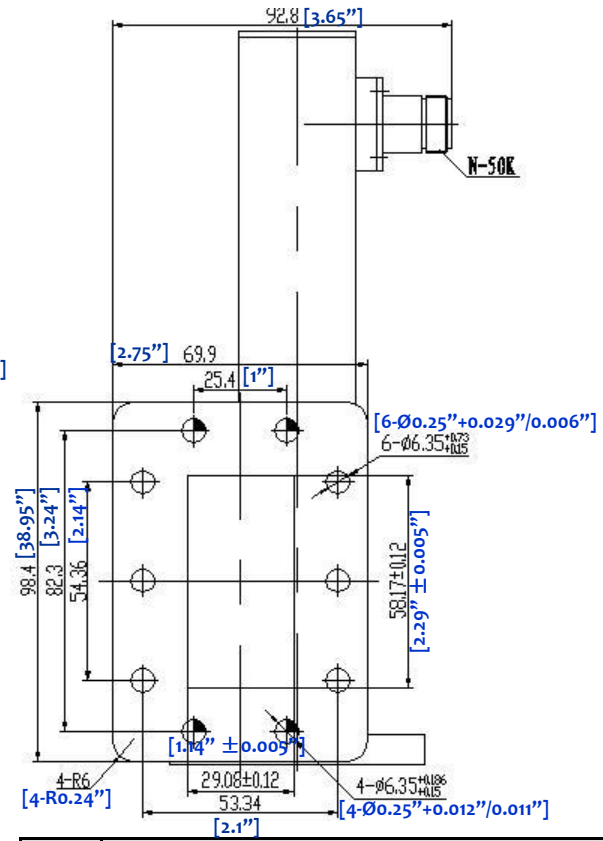
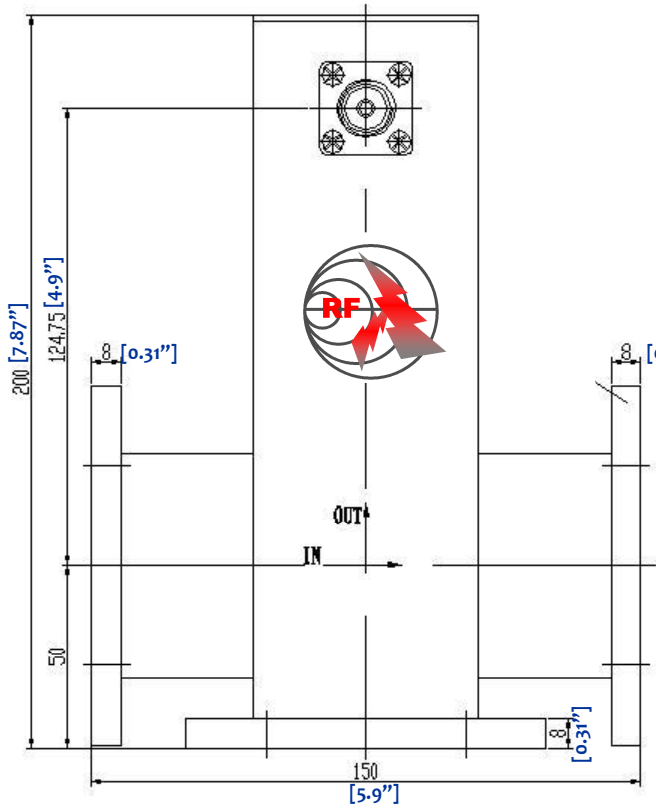


WAVEGUIDE WR229 CROSSGUIDE DUAL DIRECTIONAL COUPLER -RWGCP229SB




-RWGCP229SB

| 3.0 | Electrical Specifications | |
|-----|---------------------------|-------------|
| 3.1 | Frequency Range | 3.8~4.1GHz |
| 3.2 | Coupling | 17 ± 1.0dB |
| 3.3 | Directivity | 20dB min |
| 3.4 | VSWR | 1.2 |
| 3.5 | Insertion Loss | 0.20dB max. |
| 3.6 | Average Power | 3000W |

| 1.0 | Mechanical Specifications | |
|-----|---------------------------|---|
| 1.1 | Waveguide type | Rectangular CrossGuide WR229 |
| 1.2 | Flange type | CPRG, CPRF, COVER, CHOKE available |
| 1.3 | Flange Holes | Through |
| 1.4 | Basis-material | Alloyed Cuprum |
| 1.5 | Internal Body Finish | 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. | -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 | OF | DATE | Jul 9 th 2008 |
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|  RWGCP229SB WAVEGUIDE COUPLER | | RF-LAMBDA | RFPC |
| www.rflambda.com | | CAD MODEL REVISION | 1-4 |
| RF-LAMBDA | | ASSEMBLY REVISION | VS20-3 |
| SIZE LT | | ASSEMBLY NAME | RFLVR04 |
| SHEETS | | DRAWING NUMBER | D02-5 |
| 1 OF 1 | | | |