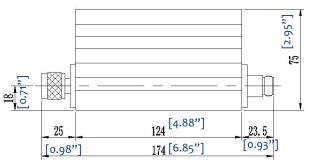
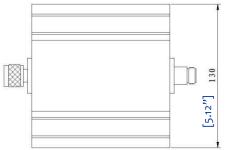
150W HIGH POWER FIXED ATTENUATOR

--- **RFS150GXB**

| 1.0 | Mechanical Specifications | | | | |
|-----|---|--|--|--|--|
| 1.1 | Coaxial Connector N,7/16 (Male or Female) | | | | |
| 1.2 | Size | 174×130×75mm 6.85" X 5.12" X 2.956" | | | |
| 1.3 | Weight | 1.5kg | | | |
| 1.4 | External Body Finish | Body painted with gray/black epoxy enamel | | | |







| 0.00 | dB S21 | | | | | | 1: | 100.0000 | 00 MHz | 1.0180 |
|--------|--------------|---------|--|---|----------|-----|-----|----------|---------|-------------|
| .00 | | | | | | | 2: | 3.0000 | 100 GHz | 1.0497 |
| 0.00 | | | | | | | 3: | 6.0000 | 100 GHz | 1.1432 |
| ···· • | | | | | | | 4: | 9.0000 | 100 GHz | 1.0521 |
| 0.00 | | | | | | | 5: | 10.0000 | 100 GHz | 1.1078 |
| ا ا | | | l | | | | 1: | 100.0000 | | -29,370 dB |
| 0.00 | 1 | | | | | - 2 | 2: | 3,0000 | 100 GHz | 7-29.593 dE |
| 1.00 | ' | | | 1 | | | 3: | 8.0000 | 00 GHz | 7-29.887 ut |
| l | | | | | | | 4: | | IOO GHz | -29,762 dB |
| 0.00 | | | | | | | >5: | 10.0000 | 100 GHz | -30,121 dB |
| 00.0 | | | | | | | | | | |
| 00.0 | | | | | | | | / | | |
| | | | _ _ | | | | | ~~ / l | | |
| .00 | 1 | | _ | 1 | <u> </u> | | | | | 4 |
|).00 L | <u>'</u> | | <u> </u> | | | | | | | |
| Ch1: S | tart 10.0000 | 0 MHz - | | | | | | | Stop | 10.0000 GH: |
| | | | | | | | | | | |
| .00 | dB S12 | | | | | | 1: | 100.0000 | 00 MHz | -29,371 dB |
| .00 | | | | | | | 2: | 3.0000 | 100 GHz | -29.801 dB |
| ا۔ میں | | | | | | | 3: | 6,0000 | 00 GHz | -29,647 dB |

| 00 dB S12 | | | | | 1: | 100,0000 | | -29,371 d |
|---------------|-------------|----------|---|------|-----|----------|--------------------|--------------|
| 00 | | | | | 2: | | 000 GHz | -29.801 d |
| .00 | | | | | 3: | | 000 GHz | -29.647 d |
| | | | | | 4: | | 000 GHz | -29.727 d |
| .00 | | | | | >5: | | 000 GHz | -30.139 d |
| .00 | | - | | | 1: | | | 1.0084 |
| 1 | | 2 | |] 3 | 2: | | 000 GHz | 1.1320 |
| .00 | | | | | 3: | | 000 GH2 | 1.185 |
| .00 | | | | | 4: | | 000 GHz | 1,2064 |
| | | | | | 5: | 10.000 | 000 GHz | 1.3982 |
| .00 | | | | | | | | |
| .00 | | <u> </u> | | | | | | * |
| .00 | | 3 | _ | 3 | | | | 4 |
| .00 1 | | | | | | | | |
| Ch1: Start 10 | .0000 MHz - | | | | | | Stop | 10.0000 GH |

| 2.0 | Environment sp | ecifications |
|-----|-----------------|--------------------------------------|
| 2.1 | Operation Temp. | -40°C~+85°C |
| 2.2 | Storage Temp. | -55°C~+125°C |
| 2.3 | Altitude | 42000 ft |
| 2.4 | Vibration | 10g rms (15 degree 2KHz) |
| 2.5 | Humidity | 100% RH at 35c, 95%RH at 40 °C |
| 2.6 | Shock | 20G for 11msc |
| 2.7 | Cooling | FAN required for long time operation |

| | 3.0 Electrical Specifications | | | | | | | | | |
|---|-------------------------------|--------------------|----------------|------|------------------|-----------------|------------|---------------|------|--|
| | PN | Frequency (GHz) | VSWR (max.) | Atte | nuation <i>l</i> | Accuracy | Power | Peak Power | | |
| | PN | | | 10 | 20 | 30 | 40 | (CW) | (KW) | |
| | RFS150G6B | DC-6GHz | 1.30 | 1 | \pm 0.75 | \pm 0.75 | \pm 0.75 | 150 | 5KW | |
| - | RFS150G8B | DC-8GHz | 1.35 | 1 | \pm 0.75 | \pm 0.75 | \pm 0.75 | 150 | 5KW | |
| | RFS150G10B | DC-10GHz | 1.40 | 1 | ± 0.8 | ± 0.8 | ± 0.8 | 150 | 5KW | |

| | | PAGE 1 OF | GE 1 OF 1 | | | AY 6th 2000 | : |
|---|---------------------------------|--|--------------------|-------------------|------------------------------|-------------------------|---|
| | PROPER | PROPRIETARY INFOR ORMATION CONTAINED IN THI REPORT - LAMBDA EXCEPT A: RIZED IN WRUTUBG BT RF-LAN RICLIMENT SHALL KEEP ALL IN | DESIGN RFPC | | | | |
| | HEREIN (WHOLE (OF ALL T | CONFIDENTIAL AND SHALL PR OR IN PART FROM DISCLOSUI HIRD PARTIES AND SHALL UI ING AND MAINTENANCE PURF | IN THE MINATION | RF-LAMBDA RFPC | | | |
| | | RFS150G) | | ASSEMBL. | EL REVISION) YREVISION \$52 | | |
| | HIGH POWER ATTENUATOR | | | | | YNAME /R07 NUMBER | |
| | www.r | rflambda.com | D05-A | | | | |
| | RF- | LAMBDA | SHEETS 1 | 1 OF 1 | | | |
| N | | P | | 0 | | | |