**SPECIFICATIONS**
- **Frequency Range:** 0.5 to 6.0 GHz
- **Attenuation Range:** 127 dB
- **Insertion Loss:** 9.5 dB Maximum
- **Attenuation Flatness:**
  - 0–30 dB ± 1.0 dB Maximum
  - 30–40 dB ± 1.5 dB Maximum
  - 40–50 dB ± 2.5 dB Maximum
  - 50–60 dB ± 4.0 dB Maximum
  - 60–80 dB ± 7.5 dB Maximum
  - 80–127 dB ± 13.0 dB Maximum
- **Attenuation Accuracy:**
  - 0–20 dB ± 2.5 dB Maximum
  - 20–30 dB ± 1.5 dB Maximum
  - 30–50 dB ± 1.5 dB Maximum
  - 50–80 dB ± 2.0 dB Maximum
  - 80–127 dB ± 2.5 dB Maximum
- **Switching Time:** 5μSEC Maximum
- **VSWR:** 2.2:1 Maximum
- **RF Power Ratings:**
  - Operating: +20 dBm CW Maximum
  - Survival: +30 dBm CW Maximum
- **Control:** 7 Bit True Binary Logic (1 dB LSB)
- **Power Supply:**
  - +12 VDC or 375 mA Maximum
  - −12 VDC or 50 mA Maximum
- **Connectors:**
  - RF Input/Output: SMA Female
  - 15 pin Micro-D Subminature (Male) MATING CONNECTOR FURNISHED

**OPTIONS:**
- 056: 0.5 to 6 GHz FREQUENCY RANGE

**ENVIRONMENTAL RATINGS:**
- **Temperature:** -55°C to +85°C (Operating)
  - -65°C to +125°C (Storage)
- **Humidity:** MIL-STD-202F, METHOD 103B COND. B
- **Shock:** MIL-STD-202F, METHOD 213B COND. B
- **Vibration:** MIL-STD-202F, METHOD 204D COND. B
- **Altitude:** MIL-STD-202F, METHOD 105C COND. B
- **Temperature Cycle:** MIL-STD-202F, METHOD 107D COND. A

**Note:** Specifications will vary over operating temperature. The above specifications are subject to change or revision.

*Units are designed to meet environmental ratings but not tested. If environmental testing is required, please contact Sales Department.*