108 – 118 MHz High Power Coaxial Circulator, VHF, 3A1NDB

Renaissance has designed a high power VHF circulator operating between 108 – 118 MHz that can handle 70W average and 300W peak power levels.

**Features and Benefits**

- 9% bandwidth
- Low loss
- High power, compact size
- Useful for most VHF transmitters
- Increases systems efficiency
- Improved thermal efficiency provides higher reliability without increasing space requirements

**Specifications**

- **Frequency**: 108 – 118 MHz
- **Insertion loss**: 0.6 dB
- **Isolation**: 17 dB typ, 20 dB goal
- **VSWR**: 1.30 : 1
- **Power**: CW 70 W typ, 300 W max
- **Temperature**: -10°C to +50°C
- **Size**: 2.8” x 2.9” x 1.12”