



**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" |