Renaissance has designed a C-band drop-in circulator for use in military and commercial applications, including air, land and naval communication systems. With low 2nd and 3rd harmonics, consistent clarity can be found.

**Features and Benefits**

- Low 2nd and 3rd harmonic (-40 dBc goal)
- High PK power (500 W FWD/500 W REV)
- Small package size

**Specifications**

- **Frequency**: 4.0 – 6.0 GHz
- **Insertion loss**: 0.25 dB @25°C
  
  0.4 dB max
- **Isolation**: 18 dB
- **VSWR**: 1.25 : 1 goal
  
  1.35 : 1 max
- **Power FWD**: 50 W CW, 500 W PK
- **Power REV**: 50 W CW, 500 W PK
- **Temperature**: -40°C to 55°C