

## 1200 – 1400 MHz Drop-In Circulator, L-Band R3G3NCE and R3G3NCEL



Renaissance's latest High Power L-band Drop-In Circulator has excellent electrical performance with low insertion loss of 0.35 dB typical and 20 dB return loss, along with power handling of 2kW peak and 300W average. It is well suited to protect HPAs and to duplex HPA with Antenna and Receiver Circuitry.

### FEATURES AND BENEFITS

- Ideal for flight applications (front-ends)
- Designed to handle high peak and average power levels
- Low insertion loss improves link budgets
- Low VSWR provides higher system efficiency
- High isolation improves systems fidelity
- Industrial temperature range

### SPECIFICATIONS

Frequency	1200 – 1400 MHz
Insertion loss	0.50 dB
Isolation	20 dB
VSWR	1.25 : 1
Power (CW)	300 Watts
Power (PK)	2000 Watts
Temperature	-40°C to 85°C