



### 1.25 – 1.4 GHz Coaxial Circulator L-Band, 3A3NH

Renaissance has designed a very high Peak and Average Power handling circulator covering 1.25 – 1.4 GHz in a compact size of 1.5" x 1.67" x 1.01". With low loss of 0.3 dB and isolation of 20 dB, it is optimized for airborne/flight applications.

#### Features & Benefits

- Low Insertion Loss, High Isolation
- High Pulsed Power Handling
- High Isolation
- Compact Size
- Applicable for Pulsed Radar Systems
- Lower System Level Distortion and Noise Generation
- Optimized for Space Constrained Applications

#### Specifications

Frequency	1.25 – 1.4 GHz
Insertion loss	0.3 dB
Isolation	20 dB
VSWR	1.25 : 1
Power CW	300 W
Power Pulsed	3000 W
Temperature	-40 to 85 °C
Size	1.5" x 1.67" x 1.01"