



**3A7NVL**

## 5.0 – 6.0 GHz Coaxial Circulator, C-band, 3A7NVL

Looking for a military grade, High Power, C-band, compact circulator to protect expensive amplifiers? Renaissance has developed a 5 to 6 GHz coaxial circulator with typical 0.5 dB insertion loss that can handle 100W average power levels.

### Features and Benefits

- Ideal for Military Radar Applications
- Wideband performance eliminates the need to buy different dash numbers
- Low insertion loss increases radar range
- Low VSWR provides higher system efficiency
- High isolation improves systems fidelity
- Industrial temperature range

### Specifications

Frequency	5.0 – 6.0 GHz
Insertion loss	0.6 dB
Isolation	20 dB
VSWR	1.22: 1
Power (CW)	100 Watts
Temperature	-32°C to 70°C
Size	1.25" x 1.00" x 1.01"