



### **8.0 – 18.0 GHz Coaxial Circulator, X-band, 3A9BAQ**

Looking for a military grade, octave band, compact circulator to protect expensive amplifiers? Renaissance has developed an 8 to 18 GHz coaxial circulator with typical 0.6 dB insertion loss that can handle 50 W average power levels.

#### **Features & 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	8.0 – 18.0 GHz
Insertion loss	0.7 dB
Isolation	16 dB
VSWR	1.40: 1
Power	50 Watts
Temperature	-35°C to 70°C
Size	.62" x .50" x .50"