



2A8NEG

High Power X band Coaxial Isolator

To protect expensive High Power Amplifiers operating at X-band, Renaissance has developed a new broadband coaxial isolator that operates from 9 to 9.6 GHz and can handle 50 W reflected power. Insertion loss of 0.5 dB is maintained over -40 to +85C. The reflected power is dissipated to the mounting surface with an extended heat sink that must be maintained below 50C for CW operations

PRODUCT FEATURES

- 50 W reflected power handling
- Low insertion loss
- Compact size

BENEFITS

- Can be used to protect expensive source from open/short conditions
- Doesn't stress high power source
- Optimized for space constrained applications

SPECIFICATIONS

Frequency	9 – 9.6 GHz
Insertion loss	0.5 dB
Isolation	16 dB
VSWR	1.35 : 1
Power CW	50 W Forward
Reflected Power	15 W
Temperature	-40 to 85 °C
Size	1.00" x 1.12" x 0.52"