Renaissance has developed a new broadband coaxial isolator ideal for amplifier protection at Ka-band frequencies. Covering 27 – 31 GHz, this isolator can withstand 100 W Peak and 25 W average forward power.

**2A9NFH**

**Specifications**

- **Frequency**: 27 - 31 GHz
- **Insertion Loss**: 1 dB
- **Isolation**: 16 dB
- **VSWR**: 1.5 : 1
- **Power CW**: 25 W
- **Power Pulsed**: 100 W
- **Reflected Power**: 1 W
- **Temperature**: -30 to 70°C
- **Size**: 0.5” x 0.58” x 0.4”

**PRODUCT FEATURES**

- High pulsed and average power handling
- Wide bandwidth
- Compact size

**BENEFITS**

- Applicable for pulsed radar and communication systems
- Lower system level distortion and noise generation
- Optimized for space constrained applications