



27.0 – 31.0 Coaxial Isolator, Ka-Band 2A9NFH

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.

Features & Benefits

- High pulsed and average power handling
- Wide bandwidth
- Compact size
- Applicable for pulsed radar and communication systems
- Lower system level distortion and noise generation
- Optimized for space constrained applications

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"