



**2A9NHA**

## Ka band Coaxial Isolator

For SATCOM on-the-Move (SOTM) terminals, Renaissance has designed a compact low loss isolator with K-connectors to support the bandwidth requirement of 27.35 to 31.7 GHz. The power handling on this model is 10 W forward and 1 W reverse but this package can be customized for up to 50 W forward and 10 W reverse.

### PRODUCT FEATURES

- Covers wide frequency band
- Compact
- Low loss
- High Isolation

### BENEFITS

- Multiple terminals using one isolator
- Space saver
- Increases systems dynamic range
- Increases link efficiency

### SPECIFICATIONS

Frequency	27.35 – 31.70 GHz
Insertion loss	1.0 dB
Isolation	17 dB
VSWR (Max)	1.5:1
Power (Peak)	1.0 W
Termination	1 W
Op Temperature	-30 to 70 °C
Size	0.50" x 0.50" x 0.38"