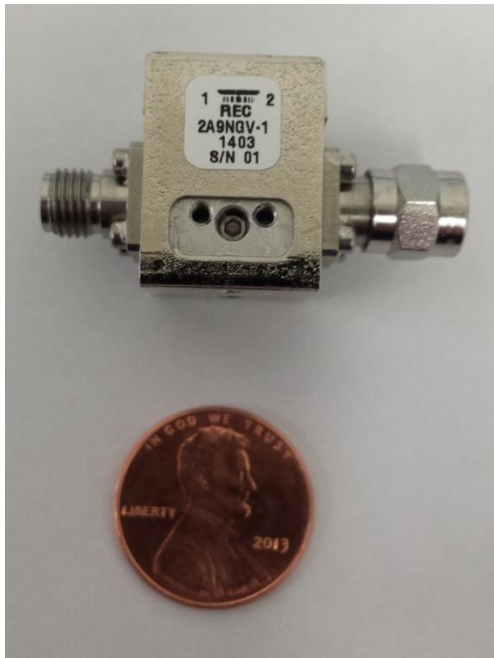


## Ka band Coaxial Isolator



2A9NGV-1

For SATCOM on-the-Move (SOTM) terminals, Renaissance has designed a compact low loss isolator with K-connectors to support the bandwidth requirement of 27.5 to 30.5 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	27.5 – 30.5 GHz
Insertion loss	0.5 dB
Isolation	23 dB
Return Loss	23 dB
VSWR	1.15:1
Power	1 W
Op Temperature	-20 to 65 °C
EMI Shielding	-80 dBc
Size	0.75" x 0.66" x 0.58"