



### 27.5 – 30.5 GHz Coaxial Isolator, Ka-band 2A9NGV-1 and 2A9NGV-2

For SATCOM On-The-Move (SOTM) terminals, Renaissance has designed compact, low loss isolators with K-connectors to support the bandwidth requirement of 27.5 to 30.5 GHz. The power handling on these models are 10W forward and 1W reverse but can be customized to up to 50W forward and 10W reverse.



#### Features and Benefits

- Covers wide frequency band
- Multiple terminals using one isolator
- Increases systems dynamic range
- Increases link efficiency
- Low loss, high isolation
- Compact size

#### 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
Temperature	-20 to 65°C
EMI Shielding	-80 dBc
Size	0.75" x 0.66" x 0.58"