

## Ku band Drop-in Isolator



2K9NAML

Renaissance Electronics has designed a medium power handling drop-in isolator operating between 13.75 to 14.5 GHz. With a footprint of only 0.620" x 0.375", it is thermally stable to dissipate 12 W CW at +70C while sustaining forward power levels of 15W CW.

### PRODUCT FEATURES

- Stainless Steel Housing and Cover
- Low insertion loss
- High Isolation
- Compact size

### BENEFITS

- Applicable for Radar and Communication systems
- Robust construction, flight qualified
- More power handling capability
- Better system performance
- Optimized for space constrained applications

### SPECIFICATIONS

Frequency	13.75 – 14.50 GHz
Insertion loss	0.4 dB
Isolation	20 dB
VSWR	1.25:1
Forward Power	15 W
Reverse Power	12 W
Temperature	-40 to 70 °C
Size	.620" x .375" x .20"