27.0 – 30.0 GHz Drop-In Isolator, Ka-band, 2L9NGK-ROHS

For use in satellite communication systems and close-range military radars, Renaissance has designed this 27 – 30 GHz drop-in isolator. This Ka-band isolator, with low insertion loss and high isolation, allows for higher bandwidth communication.

**Features and Benefits**

- Ka-band allows for higher bandwidth communication
- Small footprint
- High isolation, low insertion loss

**Specifications**

- **Frequency**: 27.0 – 30.0
- **Insertion loss**: 1.0 dB (max)  
  0.8 dB (goal)
- **Isolation**: 16 dB
- **VSWR**: 1.35 : 1
- **Power**: 1 W
- **Temp Range**: -40°C to +85°C
- **Size**: .250” x .500” x .15”