To protect space communication payload electronics, Renaissance has designed a 6.6 – 6.73 GHz drop-in isolator. Main features include compact size, low loss and high isolation. This device meets all of NASA’s outgassing requirements.

**Features and Benefits**

- Can be used for space or harsh environments
- Protects expensive amplifier circuits
- Optimized for space constrained applications
- High peak and average power handling

**Specifications**

- **Frequency**: 6.6 – 6.73 GHz
- **Isolation**: 20 dB
- **Insertion Loss**: 0.25 dB
- **VSWR (MAX)**: 1.25:1
- **Termination**: 1W
- **Temperature**: -20° C to 67° C
- **Size**: .500 x .500 x .210