Drop-In Isolator for Space Applications

To protect the space communication payload electronics, Renaissance has designed a 1.5 GHz drop-in isolator. Main features include compact size, low loss and high isolation. This device meets all of the NASA’s outgassing requirements.

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PRODUCT FEATURES

- Use of space qualified hardware
- High peak and average power handling
- Compact size

BENEFITS

- Can be used for space or harsh environments
- Protects expensive amplifier circuits
- Optimized for space constrained applications

SPECIFICATIONS

- Frequency: 1.515 – 1.635 GHz
- Insertion loss: 0.5 dB
- Isolation: 20 dB
- VSWR: 1.25 : 1
- Termination: 1 Watt
- Temperature: -20°C to 67°C
- Size: 1” x 1” x 0.30”