



### **43.0 – 46.0 GHz Waveguide Isolator, U-band, 2WR22NB**

Renaissance Electronics has developed a low loss, high isolation waveguide isolator for Satcom applications that covers 43 – 46 GHz with industry standard interface of WR 22. With loss of 0.5 dB and 18 dB isolation, it is ideal for low noise figure Satcom receivers.

#### **Features and Benefits**

- Applicable for Satcom Receivers
- Lower System Level Distortion and Noise Generation
- Optimized for Space Constrained Applications
- Wide Bandwidth
- Wide Temperature Stability
- Standard WR22 Interface
- Compact Size

#### **Specifications**

Frequency	43 - 46 GHz
Insertion loss	0.5 dB
Isolation	18 dB
VSWR	1.30:1
Load	0.5W
Temperature	-40 to 70 °C