



8.2 – 12.4 GHz Iso-Adapter for High Rel Applications, X-band, 2A8BAW

Renaissance has developed a new X-band Iso-Adapter that is designed for High Rel applications requiring waveguide to coaxial transition. Operating between 8.2 to 12.4 GHz, the iso-adapter provides 0.5 dB of loss and 18 dB of reverse isolation. The output is WR90 for the waveguide interface with UG135/U flange. Input is a type N-Female connector.

Features and Benefits

- Waveguide to Coax adapter with built in isolator
- Compact size
- Provides Receiver required match
- Protects expensive amplifier circuits
- Optimized for space constrained applications

Specifications

Frequency	8.2 – 12.4 GHz
Insertion loss	0.5 dB
Isolation	18 dB
VSWR	1.30: 1
Power CW	5 W
Reflected Power	1 W
Temperature	0 to 65°C
Size	1.92" x 1.63" x 2.75"