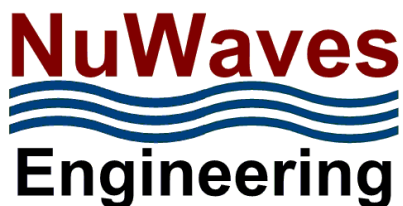


ConvertaWave2™ RF Downconverter



FEATURES

- Broadband Operation (200-2500MHz)
- Small Form Factor (7.0" x 4.0" x 1.35")
- High Intercept Point
- Low Phase Noise
- 70MHz IF Output
- User-Selectable IF Bandwidths
 - 500 kHz
 - 1 MHz
 - 1.5 MHz
 - 2 MHz
 - 10 MHz
- Processor Controlled Frequency Selection
- Manual and Automatic Gain Control (MGC/AGC)
- 50dB RF Attenuation
- 50dB IF Attenuation
- Excellent Out of Band Rejection
- DC Power: 9-16 Vdc
- Simple RS-232 Interface
- SMA Connectors

If you have other requirements, NuWaves provides state-of-the-art RF design services to customize products to your needs.

RF200-2500RV1 RF DOWNCONVERTER



Broadband High Dynamic Range Receiver/RF Tuner/Downconverter

DESCRIPTION

The ConvertaWave2™ (Model # RF200-2500RV1) is a robust multi-functional downconverter for use in commercial, industrial, and military applications. The unit can be tuned across the entire 200MHz to 2.5GHz range in 1Hz steps, and provides a filtered output IF frequency of 70MHz. The IF output is band-limited to one of five user selectable bandwidths between 500kHz and 10MHz. The downconverter is designed with good input-output VSWR, high intercept point, low spurious emissions, low LO phase noise, and has 100dB of attenuation control in 1dB increments. The operating temperature range is from -20° to +50°C.

These rich features cover the design requirements for most applications. Custom designs (form factor, RF frequencies, IF bandwidths, IF frequencies, and other attributes) are available.

For additional information, contact NuWaves by email at product.sales@nuwaves-ltd.com or by phone at (513)360-0800.

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