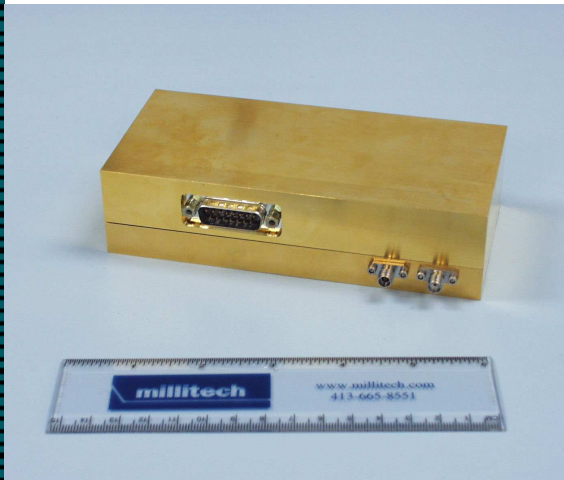


FOR Wideband Global SATCOM (WGS)

## UNIVERSAL KA-BAND CONVERTERS

UPCONVERTERS, DOWNCONVERTERS, AND TEST TRANSLATORS



### FEATURES AND APPLICATIONS:

- First Fully-Qualified WGS Ka-Band Converters
- Uniquely designed to meet all key performance and environmental requirements
- Extremely low phase noise
  - Meets WGS requirements
- Excellent spurious performance
  - Meets WGS requirements
- Meets military environmental requirements, including hammer test
- High intercept points for multi-carrier operation

### DESCRIPTION

These versatile converters meet all performance and environmental requirements for the new generation of WGS terminals. In addition, variants of the flexible design will cover both military and commercial Ka-band applications.

Customization options are available for lower noise, high power, higher gain, and accurate digital attenuation control.

Converters are supplied with PLDROs and waveguide filter (upconverter only). Loopback translators are also available in the same configuration to allow for complete loopback test functionality.