

# Satellite Executive BRIEFING



Industry Trends, News Analysis, Market Intelligence and Opportunities

## IN THE NEWS



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## New Products

### Comtech Xicom Introduces New 50-Watt Solid State X-Band Satcom BUC

Santa Clara, Calif., Jan. 11 - Comtech Xicom Technology, Inc., introduced a new compact and lightweight solid-state X-band block up converter (BUC) designed for high data-rate satellite communications uplinks.

The Xicom Technology, Model XTS-50X1-B1 *X-BUC*, is the perfect solution for commercial and military users ready to take advantage of new X-band capacity on XTAR and Wideband Global SATCOM (WGS) satellites. Higher power in a compact package enables system integrators to offer much higher data-rate uplinks with rugged, compact, transportable, SATCOM terminals.



The *X-BUC* provides 50 Watts of 1 dB compressed output power in a self-cooled, feed-mountable, package specifically designed to operate in harsh environments and meet the stringent RF requirements of today's X-band systems.

This high performance design provides more than 32 Watts of linear output power as defined for the WGS system, making it the most powerful 10.5 pound X-band unit anywhere. The new *X-BUC*, is packed full of performance features including temperature compensation, gain control, harmonic filtering, and an output isolator. All this comes in a compact outdoor unit weighing 10.5 pounds and measuring only 10.58 inches long x 5.68 inches high x 4.43 inches high.

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Comtech Xicom Technology offers a data sheet of the new X-BUC including detailed specifications, functional block diagrams and package outline drawings. Contact your local sales representative for a copy or to discuss your requirements.

You can't beat the combination of features and performance of Xicom amplifiers.