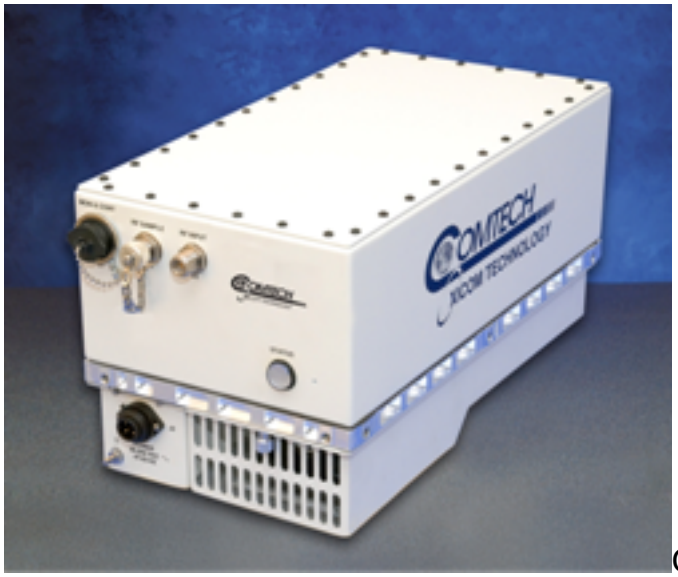
Comtech Xicom Doubles Output Power and Boosts Efficiency On Popular Amplifier



Comtech Xicom Technology introduced a new high efficiency 400 Watt Ku-Band traveling wave tube amplifier (TWTA) with the size, weight and prime-power requirements of traditional 200 Watt products.

The XTD-400KHE high power amplifier (HPA) is a compact, antenna mountable TWTA designed for high linear power with outstandingly high efficiency. The new amplifier is in a compact, rugged package weighing only 32 pounds. Drawing only 960W at 200W of linear RF output power, the amplifier is ideal for transportable applications where high efficiency, light weight, and high ambient temperature operation are required.

John Branscum, President of Comtech Xicom Technology, Inc., said "As power consumption becomes a larger issue for both businesses and the military, Comtech Xicom is dedicated to breaking new ground for HPA efficiency. Our customers are looking for small, lightweight and high performance solutions, and the new XTD-400KHE delivers 400W performance in a package that is significantly smaller and lighter than ever before. No other TWTA or SSPA product in the marketplace offers this level of linear power in a lightweight 32-pound package.”

Service providers and system integrators can obtain additional specifications and information from Comtech Xicom representatives by visiting Booth 1T2-07 at CommunicAsia2011 Exhibition, 21-24 June 2011, Marina Bay Sands, Singapore.

Comtech Xicom Technology, Inc., a world leader in high-power amplifiers, manufactures a wide variety of tube-based and solid-state power amplifiers for military and commercial satellite uplink applications. The product range encompasses power levels from 8 W to 3 kW, with frequency coverage in sub-bands within the 2 GHz to 45.5 GHz spectrum. Amplifiers are available for fixed and ground-based, ship-board, and airborne mobile applications. Please visit

www.xicomtech.com [1] for more information.

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