

# Microwave Transistors Serve Telecom Applications



Cree's CGH21120F and CGH25120F GaN HEMT microwave transistors perform in telecommunication applications, such as W-CDMA, LTE and WiMAX. The components consist of single, input-pre-matched GaN HEMT devices providing >120 W of saturated power in industry-standard ceramic-metal packages. The CGH21120F is designed for frequencies from 1,800 to 2,300 MHz, while the CGH25120F is optimized for frequencies from 2,300 to 2,700 MHz. The units complement Cree's RoHS-compliant HEMT microwave transistors for WiMAX applications available for 802.11x OFDM average power levels of 2, 4 and 8 W.

**Source URL (retrieved on 01/30/2015 - 8:29pm):**

<http://www.wirelessdesignmag.com/product-releases/2009/01/microwave-transistors-serve-telecom-applications>