

Connectorized RMS Power Module for RMS Power Detection

Hittite Microwave Corporation introduces a connectorized RMS power detector and a logarithmic detector/controller chip covering a combined frequency range of 1 MHz to 10 GHz. These devices are suitable for RMS power detection, as well as RF envelope power detection and control in a range of applications including cellular/PCS/3G, WiMAX, WiBro, fixed wireless, test and measurement, radio link and radar. Targeted at high reliability, military and laboratory applications, the HMC-C054 hermetic, connectorized RMS power detector is based on the previously released HMC610LP4. The HMC-C054 operates from 0.01 to 2 GHz and provides a true RMS representation of any RF/IF input signal, especially where wave shape and/or crest factor change with time.

Source URL (retrieved on 03/06/2015 - 4:26am):

<http://www.wirelessdesignmag.com/product-releases/2008/11/connectorized-rms-power-module-rms-power-detection>