

FOR IMMEDIATE RELEASE:

DW-2 Broadband Detector



Santa Barbara, CA – April 28, 2011 – Spacek Labs Model DW-2 is a full-band, 75-110 GHz detector. This detector is a very cost-effective way of measuring power in the W-band spectrum. The RF input is WR-10 (UG387/UM) and the output is SMA (F). These detectors can be used as fast data rate receivers, with up to 3 GHz bandwidth at the 3 dB point into a 50 ohm load. Typical input sensitivity is 1500 mV/mW at -20 dBm input power. Using a 10 megohm load the sensitivity is 1500 mV/mW at -20 dBm input power. Flatness across the band is ± 2 dB with a typical tangential sensitivity of -45 dBm in a 1 MHz video bandwidth. Maximum input power is +18 dBm. This detector is available with positive (P) or negative (N) output polarity.

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