

## Detector Log Video Amplifier

AMC Model No: LVD-812-50-ICW-LD1205 is a 8.0 to 12.0 GHz detector log video amplifier (DLVA) that has a 42 dB dynamic range and the typical frequency flatness is 0.4 dB. The VSWR is 2.5:1 and the TSS is  $\pm 43.5$  dBm typical. The CW-immunity is to  $\pm 10$  dBm while the logging range is  $\pm 42$  to 0 dBm and the log slope is 50 mV/dB. This DLVA was developed as a form, fit, and function replacement for DLVA'S no longer in production. Applications include pulse signal processing, signal jamming environments, and EW and counter-measures receivers. The size is 5.126 inches $\times$  2.50 inches $\times$  1.0 inches.

American Microwave Corporation

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<http://www.wirelessdesignmag.com/product-releases/2004/11/detector-log-video-amplifier>