



## Series HFD Broadband Detectors

The HFD series broadband detectors cover full waveguide bands from 26.5 – 170 GHz . They utilize a low loss finline structure mated to a zero bias Schottky beam lead diode for maximum output and bandwidth. The RF energy is converted to a DC voltage resulting in a detector mount having high levels of sensitivity over a broad dynamic range. Since zero bias diodes are used, no bias is required and both negative and positive voltage outputs are available. The HFD series detectors are used wherever DC conversion of RF signals is required such as with scalar measurement systems.

Detectors can be optimized for specific frequency coverage and can be matched as pairs if required.

Click below for datasheet

<http://www.hxi.com/Datasheets/HFD-RevG.pdf>

For more information about this product, contact: HXI Sales at 978-772-7774,  
MMWcomponents@hxi.com or go online at [www.hxi.com](http://www.hxi.com)