

Planar Detector 110 - 170 GHz HFD06P-H1

APPLICATIONS, FEATURES & BENEFITS



- Test Systems
- Instrumentation
- Relative Power Measurements

- Full Waveguide Bandwidth
- Zero Bias Operation
- Rugged
- Lightweight
- Economical

The HFD Series of detectors employs zero biased beamlead Schottky-barrier diodes. Full waveguide band operation is achieved with good sensitivity in a compact unit. HFD units are offered between 18 and 170 GHz. The units are fixed tuned and operate without bias, making them particularly convenient to use. Applications are as sensors for network analyzers and as low cost replacements for power heads.

TECHNICAL SPECIFICATIONS

DESCRIPTION	PLANAR DETECTOR
FREQUENCY	110 - 170 GHz
WAVEGUIDE DESIGNATION	WR-06
FLANGE COMPATABILITY	UG387/U-M
SENSITIVITY	>220 mV/mW
FLATNESS	+/- 2.5 dB

12 Lancaster County Road, Harvard, Massachusetts 01451 Tel: (978) 772-7774 FAX: (978) 772-7775

Visit us on the web at www.hxi.com