

**Datasheet**
**Description**

The Farran Technology WDP-Series of detectors employs finline technology and zero biased beamlead Schottky barrier diodes. Full waveguide band operation is achieved with good sensitivity in a compact unit. WDP units are offered between 18-170 GHz. The units are fixed tuned and operate without bias making them particularly convenient to use. Either output voltage polarity is available. Applications are as sensors for network analysers and as low cost replacements for power heads.


**Features**

- Full waveguide bandwidth
- Zero bias operation
- Economical
- Rugged
- Light weight

**Applications**

- Test systems
- Instrumentations
- Relative power measurements

Specification	Unit	Min	Typ	Max
Frequency	GHz	33		50
Waveguide Designation			WR-22	
Flange Compatability			UG383/U-M	
Sensitivity	mV/mW	750		
Flatness	dB			±2

**Note:**

The data contained in this document describes new products in the pre-production phase of development, and is for information only. Farran Technology reserves the right to change, without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions.