

Uri Power Sensor



Specifications

Sensor Aperture	Uri2: 2 mm x 2 mm Uri8: 8 mm x 8 mm
Spectral sensitivity	0.1 to 350 THz
Sensitive Element	Lithium Tantalate + black absorber
Thermal time constant	150 ms
Responsivity	85 kV/W at 10 Hz at 4 THz without window
NEP (10 Hz)	< 1 nW/√Hz
Supply voltage	Two batteries
Operating temperature	-20 to 80 C
Output	SMA
Modulation	Optional shutter

Application notes:

- Analog output: SMA / BNC to be connected to the scope or a Lock-in amplifier.
- Digital output: ADC can be provided upon request.