

PL10-VA-25D

Power Mode	
Max. Average Power	10 W
Max. Intermittent Power (1)	15 W
Min. Power	2 mW
Power Resolution	100 μ W
Noise Equivalent Power (NEP)	100 μ W
Response Time (0-90%)	3 sec
Power Calibration Uncertainty	$\pm 3\%$
Power Linearity (2)	$\pm 1\%$
Single Shot Energy Mode	
Max. Energy (with 100 ms pulse)	10 J
Min. Energy	50 mJ
Energy Resolution	0.1 mJ
Energy Calibration Uncertainty	$\pm 5\%$
Absorber Specs	
Aperture	25 mm
Type	BB
Absorber Spectral Range	0.4 - 5.2 μ m
Calibration Spectral Range	0.4 - 5.2 μ m
Max Power Density (3)	35 W/cm ²
Max Energy Density (3)	Single Pulse: (a) 10ms pulse width: 13 J/cm ² <10 μ s pulse width: 10 J/cm ²
General Characteristics	
Cooling	Convection
Weight	0.5 kg
Dimension	75 x 75 x 52 mm
Cable lenght - connector	1.5 m - DB15
Stand and Post	Light Duty Stand Included
Notes	
(1). 2 minutes max (2). Detector centrally irradiated @50% of useful surface. (3). Damage thresholds also depend on power level. Please see damage graphs for more details.	Available with fiber adapter (a). For repeated pulses, please see volume absorber damage graphs.