

PM2-12D-HP

Power Mode	
Max. Average Power	2 W
Max. Intermittent Power (1)	2 W
Min. Power	1 mW
Power Resolution	10 μ W
Noise Equivalent Power (NEP)	50 μ W
Response Time (0-90%)	2.5 sec
Power Calibration Uncertainty	$\pm 3\%$
Power Linearity (2)	$\pm 1\%$
Single Shot Energy Mode	
Max. Energy (with 100 ms pulse)	2 J
Min. Energy	1 mJ
Energy Resolution	10 μ J
Energy Calibration Uncertainty	$\pm 5\%$
Absorber Specs	
Aperture	10 mm
Type	HPB
Absorber Spectral Range	0.19 - 11 μ m
Calibration Spectral Range	0.19 - 2.1 μ m, 2.94 μ m, 9 - 11 μ m
Max Power Density (3)	18 kW/cm ² @10 W
Max Energy Density (3)	5ms pulse width: 36 J/cm ² 10 μ s pulse width: 1.2 J/cm ² 10ns pulse width: 0.3 J/cm ²
General Characteristics	
Cooling	Convection
Weight	0.2 kg
Dimension	Ø 40 x 44 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