

PM10-12D-DF-USB

Power Mode	
Max. Average Power	10 W
Max. Intermittent Power (1)	15 W
Min. Power	10 mW
Power Resolution	100 μ W
Noise Equivalent Power (NEP)	600 μ W
Response Time (0-90%)	1 sec
Power Calibration Uncertainty	$\pm 3\%$
Power Linearity (2)	$\pm 1\%$
Single Shot Energy Mode	
Max. Energy (with 100 ms pulse)	15 J
Min. Energy	10 mJ
Energy Resolution	0.1 mJ
Energy Calibration Uncertainty	$\pm 5\%$
Absorber Specs	
Aperture	12 mm
Type	DIF
Absorber Spectral Range	0.2 - 2.1 μ m
Calibration Spectral Range	0.2 - 2.1 μ m
Max Power Density (3)	160 kW/cm ²
Max Energy Density (3)	5ms pulse width: 1200 J/cm ² 10 μ s pulse width: 22 J/cm ² 10ns pulse width: 6.5 J/cm ²
General Characteristics	
Cooling	Convection
Weight	0.6 kg
Dimension	75 x 75 x 52 mm
Cable length - connector	2.5 m - USB
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.	