

SPECIFICATIONS	PMP 1 kW	PMP 3 kW
Average Power Range <sup>1</sup> (continuous)	1W to 1 kW	1W to 3 kW
Maximum Pulsed Peak Power (kW)	1	5
Noise Equivalent Power		
Standard Mode (10 Hz)		<50 mW
High Speed Mode (20 kHz)		<0.5W
Snapshot Mode (625 kHz)		<1.5W
Maximum Power Density (kW/cm <sup>2</sup> )	5.0 at 1 kW avg. power	2.4 at 3 kW avg. power
Rise Time (μs)		≤20
Fall Time (μs)		≤20
Protective Front Window	Available for 1070 nm model (see part number below)	
Active Area (mm)		
Horizontal Axis	30 (element is 57 mm from front plate)	
Vertical Axis	27.5 (element is 57 mm from front plate)	
Minimum Beam Size (mm)	10 at 1 kW avg. power	20 at 3 kW avg. power
Calibration Uncertainty (%) (k=2)		±2.5
Power Linearity (%)		±3
Back Reflection (%)		<1
when used with QBH Adapter (Class 1)		0
Wavelength Range (%)	Fixed calibration point ±50	
Calibration Wavelength <sup>2</sup>	810 nm, 1070 nm, 10.6 μm	
Cooling Method <sup>3</sup>	Water	
Cable Type	DB25	
Cable Length	3m (9.8 ft.)	
Part Number		
810 nm (no window)	1324794	1325222
10.6 μm (no window)	1324795	1325223
1070 nm (no window)	1324796	1325224
810 nm, 1070 nm and 10.6 μm (no window)	1324797	1325225
1070 nm (with window)	1325221	1325226
Optional Accessories		
QBH Adapter Plate		1319787
C-Mount Adapter Plate		1319788
Replacement 1070 nm Window		1324793

<sup>1</sup> See power handling curve for beam size requirements.

<sup>2</sup> Wavelengths typical; model dependent.

<sup>3</sup> 1 gpm water flow with less than 10 PSI back pressure.