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# 1W|445nm KVANT laser module

## Laser Modules

Guaranteed optical output	<b>1000mW</b>
Centre wavelength (nm)	<b>445</b>
Centre wavelength tolerance ( $\pm$ nm)	<b>5</b>
Beam size (FWHM, hor. x vert., mm)	<b>3x3</b>
Beam divergence (half angle, hor. x vert., mrad)	<b>0.6x0.3</b>
Linear polarization	<b>Y</b>
M2 (horizontal/vertical)	<b>7/3</b>
Modulation frequency	<b>100kHz</b>
Peak Power consumption TEC circuit	<b>24V/1.5A</b>
Peak Power consumption LD circuit	<b>24V/1A</b>
Input Voltage (V)	<b>24</b>

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