

MBL-Q-488/1~300mW

**WATER COOLING LD PUMPED  
ALL-SOLID-STATE Q-SWITCHED  
BLUE LASER at 488nm**

All solid state Q-switched blue laser at 488nm has the features of ultra compact, long lifetime and easy operating, which is used in communication, medical treatment, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	488±1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	1-300@4kHz
Pulse duration (ns)	~30@4kHz&300mW
Peak power (kW)	2.5
Power stability (rms, over 4 hours)	<3%, <5%,
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture (mm)	~5
Beam height from base plate (mm)	61
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



MBL-Q-488	PSU-AOM(3U)	Water Chiller
<p>351.5(L)×227(W)×90(H) mm<sup>3</sup>, 10kg</p>	<p>483.5 (L) ×454 (W) ×147.5 (H) mm<sup>3</sup>, 8.3 kg</p>	<p>369(L)×350(W)×347(H) mm<sup>3</sup>, 22 kg</p>