

AO-DF-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
Rep.rate (kHz)	3-10
Average power (mW)	1-300@4kHz
Pulse duration (ns)	~30@4kHz&300mW
Single pulse energy (μJ)	1-75
Peak power(W)	30-2500
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



AO-DF-488	PSU-AOM(3U)	Water Chiller(WCH600)
<p>351.5(L)×227(W)×90(H) mm³, 10kg</p>	<p>483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg</p>	<p>369(L)×350(W)×347(H) mm³, 22 kg</p>