

AO-DF-496/1~400mW

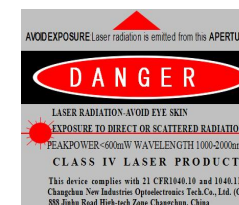
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
BLUE LASER at 496nm**

All solid state Q-switched blue laser at 496nm has the features of ultra compact, long lifetime and easy operating, which is used in communication, medical treatment, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	496 ± 1
Operating mode	Acousto-Optic Q-switched
Rep.rate (kHz)	4
Average power (mW)	1-400@4kHz
Pulse duration (ns)	~20@4kHz&400mW
Single pulse energy (μJ)	1-100
Peak power(W)	50-500
Power stability (rms, over 4 hours)	<5% , <3%
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-496	PSU-AOM(3U)	Water Chiller(WCH580)
<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>370(L)×258(W)×240(H) mm³, 9.5 kg</p>