

MSL-III-532-AOM/1~100mW

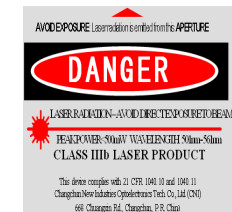
HIGH FREQUENCY MODULATED SINGLE LONGITUDINAL MODE GREEN LASER AT 532 nm


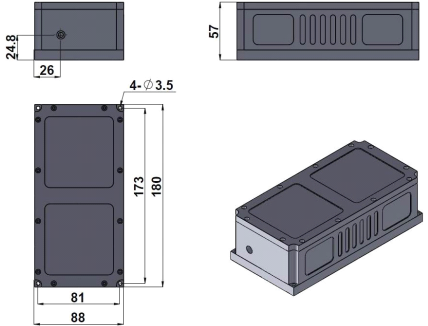

High frequency modulated laser system has such characteristics as quick modulation rate, high extinction ratio, easy coding and convenient use. Laser modulation frequency of this laser system can be up to 1MHz, It is mainly used in such fields as laser text-image processing , laser lithography, laser Phototypesetting, and laser digital communication. It is suitable for OEM system integration and scientific research laboratories etc..



SPECIFICATIONS

Wavelength (nm)	532±1
Output power (mW)	>1, 5, 10, 20, ... , 100
Transverse mode	Near TEM ₀₀
Longitudinal mode	Single
M ² factor	<1.3
Power stability (rms over 4 hours)	<1%, <3%, <5%
Operating mode	CW
Beam divergence, full angle (mrad)	<1.2
Beam diameter at the aperture 1/e ² (mm)	~1.5
Optical Noise (rms, 1~20MHz)	<0.5%
Spectral linewidth (nm)	<0.00001
Beam height from base plate (mm)	24.8
Coherent length (m)	>50
Operating temperature (°C)	15~35
Power supply (90-264VAC)	PSU-III-FDA-AOM
Modulation	>1MHz
Expected lifetime (hours)	10000
Warranty	1 year



MxL-III-532-AOM	Dimension	PSU-III-FDA-AOM	Dimension
 <p>180(L)×88(W) ×57(H) mm³, 1.6kg</p>		 <p>290 (L) ×140(W) ×94 (H) mm³, 2.3 kg</p>	