



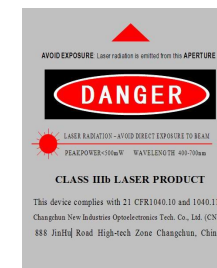
MxL-III-xxx-AOM

**HIGH FREQUENCY MODULATED  
ALL-SOLID-STATE LASER**

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)	473 ± 1	532 ± 1	671 ± 1
Output power (mW)	>1,10,20,....,50	>1,10,20,....,150	>1,10,20,....,100
Power Stability (rms,over 4 hours)	<1%,<3%,<5%		
Transverse mode	Near TEM <sub>00</sub>		
M <sup>2</sup> factor	<1.5		
Beam Diameter at the aperture at the aperture 1/e <sup>2</sup> (mm)	~3.0		
Beam divergence, full angle (mrad)	<1.5		
Polarization ratio	> 100:1		
Warm-up Time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Beam height from base plate (mm)	24.8		
Operating temperature(°C)	10~35		
Power supply (90-264VAC)	PSU-III-FDA-AOM		
Modulation	>1MHz		
Expected lifetime (hours)	10000		
Warranty	1 year		



MxL-III-xxx-AOM	PSU-III-FDA-AOM
<p>194(L)×88(W) ×57(H) mm<sup>3</sup>, 1.6kg</p>	<p>290 (L) ×140(W) ×94 (H) mm<sup>3</sup>, 2.3 kg</p>