



MxL-FN-xxx-AOM

SPECIFICATIONS

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

The modulation frequency of high frequency modulation laser system is up to 1MHz. It can be used in the field like laser graphic processing, laser digital communications, etc. It have the feature of high extinction ratio, coding easily, usability, etc



Wavelength (nm)	473±1	532±1	556±1	561±1	671±1
Output power (mW)	>50,60,...,150	>150,200,...,400	>1,10,20,...,100	>1,10,20,...,100	>100,150,...,300
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 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-H-FDA-AOM				
Modulation	1MHz				
Expected lifetime (hours)	10000				
Warranty	1 year				



MxL-FN-xxx-AOM	PSU-H-FDA-AOM
<p>224(L)×98(W)×60(H) mm<sup>3</sup>,1.9kg</p>	<p>269 (L) ×181(W) ×104(H) mm<sup>3</sup>, 2.7 kg</p>