

MxL-FN-xxx-AOM

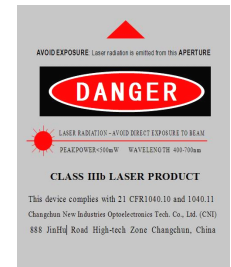
HIGH FREQUENCY MODULATED ALL-SOLID-STATE LASER


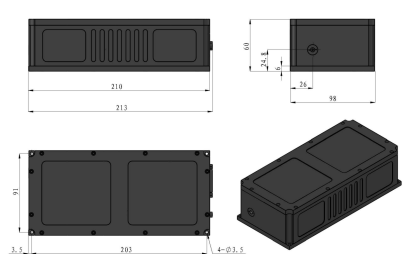

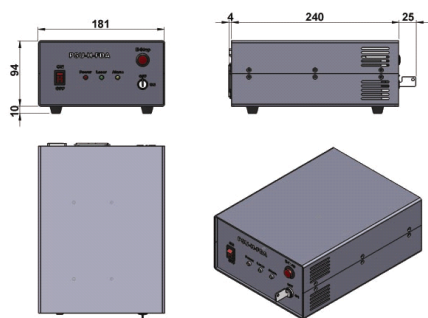
The modulation frequency of high frequency modulation laser system is up to 1MHz. It can be used in the field like laser graphic processing, laser digital communications, etc. It have the feature of high extinction ratio, coding easily, usability, etc



SPECIFICATIONS

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



| | | | |
|--|--|---|---|
| <p>MxL-FN-xxx-AOM</p> | <p>Dimension</p> | <p>PSU-H-FDA-AOM</p> | <p>Dimension</p> |
|  <p>213(L)×98(W)×60(H) mm³,1.9kg</p> |  |  <p>240 (L) ×181(W) ×104(H) mm³, 2.7 kg</p> |  |