

MPL-N-266/5~10uJ/50~100mW




LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 266 nm UV laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc.



Wavelength (nm)	266±1	
Output average power (mW)	50~100	
Transverse mode	Near TEM ₀₀ , elliptical	
Operating mode	Pulsed, Cr : YAG passively Q-switched	
Single pulse energy (μJ)	5~10	
Pulse duration (ns)	~7	
Peak power (W)	~2800	
Rep. rate (kHz)	Undefined rep. rate among 6k-15kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.	
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)	
Ave power stability (over 4 hours)	<5%, <10%	
Beam parameters	Elliptical (4:1), Beam spot 0.5*2mm	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	68.2	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	8000	
Warranty period	1 year	
Remarks	Please Note: because of the Walk-off effect of Nonlinear crystals, the beam quality of UV laser is not so good as that of 1064/532nm laser.	



MPL-N-266	PSU-H-LED	PSU-H-FDA	UV prism
 <p>240(L)×99(W)×94(H) mm³, 2.6 kg</p>	 <p>268 (L) ×145(W)×106 (H) mm³, 2.6 kg</p>	 <p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	