

MPL-FN-266/1~8uJ/1~18mW

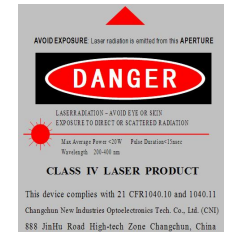
LD PUMPED ALL-SOLID-STATE UV LASER

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



SPECIFICATIONS

Wavelength (nm)	266±1	
Operating mode	Frequency conversion of Q-switched pulsed laser	
Max average power (mW)	8	18
Single pulse energy (μJ)	1~8	1~6
Pulse duration (ps)	<600	<800
Rep. rate (kHz)	0.1, 0.2, 0.3~1.0	0.1, 0.2, 0.3~1.0, 2.0, 3.0
Peak power(W)	1600~13300	1250~7500
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)	
Ave power stability (over 4 hours)	<3%, <5%, <10%	
Transverse mode	Near TEM ₀₀	
Beam diameter at the aperture(mm)	~1.5	
M ² factor	<2.0	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-SR	
Expected lifetime (hours)	5000	
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.	



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MPL-FN-266	PSU-SR
<p>212(L)×70(W)×50(H) mm³, 1.6kg</p>	<p>188(L)×145(W)×83(H) mm³, 1.2kg</p>