

SPECIFICATIONS

MPL-H-266/0.1~4uJ/1~30mW

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

	SFECIFICATIONS				
DEDUCTION ALL-SOLID-STATE UVLASERAll 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.Image: Image: I	Wavelength (nm)		266±1		
	Output average power (mW)		1~30		
	Transverse mode		Near TEM ₀₀		
	Operating mode		Q-switched pulsed laser		
	Single pulse energy (µJ)		0.1~4		
	Pulse duration (ns)		1.3		Sul
	Peak power(kW)		~3		
	Rep. rate (kHz)	Controllable	Fixed rep. rate, such as 1k, 2k, 3k, 4kHz, peak, duration and period).	with stable laser pulses emitting (stable pulse energy,	7715
			Different rep. rate in the range of 1kHz-4kI	Hz can be obtained by input an external TTL signal.	
		Uncontrollable	Undefined rep. rate among 5k-7kHz an applications only needing high peak power	d unstable laser pulse emitting. Suitable for the pulses.	
	Average power (mW)		Average power (mW) = Single pulse energy (μ J) * Rep. rate (kHz)		
	Ave power stability (over 4 hours)		<5%, <10%		
	Warm-up time (minutes)		<10		AVODE/POBLIFE Laternation a embed to
	M ² factor		<1.5		
	Spectral purity		>99%		
	Beam parameters		Elliptical (4:1), Beam spot ~2mm		ALASERADICEN-AVOID DES
	Polarization ratio		>100:1		THEATOME SOME WALLEN
	Beam height from base plate (mm)		45		CLASS IIIb LASER PI
	Operating temperature (°C)		10~35		The device complex web 21 CFP. 1940 1 Changelize New Industries Optiolectrons Tie 666 Changelize Pd., Changelize, PJ
	Power supply (90-264VAC)		PSU-H-FDA		we categori na, categori, ri
	Expected lifetime (hours)		10000		
	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 t		is not so good as that of 1064/532nm laser.		
MxL-H-266			PSU-H-FDA UV prism		
(with 266/532/1064 nm laser incl	uded)		1 88-11-1 DA		
153(L)×77(W) ×60(H) mm ³ , 0.9 kg		238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg			
	e	146			
				20mm 20mm 20mm	
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