

355nm UV Q-Switched Laser



Specifications

Model Number	Q-UV355-2000-DB
Optical Specifications	
Wavelength	355 nm
Center Wavelength Deviation	+/- 1 nm
Output Average Power	400 – 2000 mW
Transverse Mode	Near TEM00
Ave Power Stability (over 4 hours)	< 5 % ⁽¹⁾
Operating Mode	Q-switched
Polarization Ratio	> 50:1
Beam Diameter at the Aperture (1/e ²)	~ 2 mm
Beam Divergence (Full Angle)	< 2 mrad
Warm-up time	< 10 minutes
Beam Height from Base Plate	93.5 mm
Working Temperature	10 to 35 ° C
Cooling Mode	Air
Lifetime (MTTF)	8,000 hours
Warranty Time	1 year
Mechanical Specifications	
Dimension of Laser Head	421 (L) x140 (W) x 124 (H) mm
Dimension of Power Supply	336 (L) x 168 (W) x 133 (H) mm
Dimensional Tolerances	+/- 1 mm
Q- Switch Specifications	
Single Pulse Energy	25 - 80 μJ
Pulse duration	~ 5 ns
Peak Power	5 -16 kW
Repetition Rate	1 - 4 kHz

(1) optional: < 3 %