

355nm UV Q-Switched Laser



Specifications

| Model Number | Q-UV355-150-DB |
|---|--------------------------------|
| Optical Specifications | |
| Wavelength | 355 nm |
| Center Wavelength Deviation | +/- 1 nm |
| Output Average Power | 1 – 150 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 | 70 mm |
| Working Temperature | 10 to 35 ° C |
| Cooling Mode | Air |
| Lifetime (MTTF) | 5,000 hours |
| Warranty Time | 1 year |
| Mechanical Specifications | |
| Dimension of Laser Head | 321 (L) x 99 (W) x 94 (H) mm |
| Dimension of Power Supply | 307 (L) x 150 (W) x 106 (H) mm |
| Dimensional Tolerances | +/- 1 mm |
| Q- Switch Specifications | |
| Single Pulse Energy | 0.1 - 15 μJ |
| Pulse duration | ~ 1.3 ns |
| Peak Power | 80 - 11500 W |
| Repetition Rate | 3 - 5 kHz |

(1) optional: < 3 %