

Maple-355-5

Nanosecond DPSS-Laser
Data sheet V 1.0

Features

- » New design, decreased dimensions
- » High stability & durability
- » Short pulse width
- » Wide application field
- » Air cooled



TECHNICAL SPECIFICATIONS

| | | | |
|----------------------|---------------------|-----------------------|-------------|
| Central wavelength | 355 nm | Beam circularity | >90% |
| Output power | 5 W | Pulse stability | <3% RMS |
| Max. pulse energy | 110 µJ @ 50 kHz | Power stability | <5% RMS |
| Burst energy | - | Power supply | AC 220/110V |
| Repetition frequency | 20 kHz - 200 kHz | Operating temperature | 10 - 30 °C |
| Pulse width | <10 ns @ 50 kHz | Storage temperature | -10 - 60 °C |
| Beam divergence | <1 mrad | Cooling method | Air |
| Beam diameter | 3.5 mm | Laser dimension(mm) | 456x137x169 |
| Beam quality | <1.3 M ² | Net weight | < 20 kg |
| Polarization state | Linear | | |

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