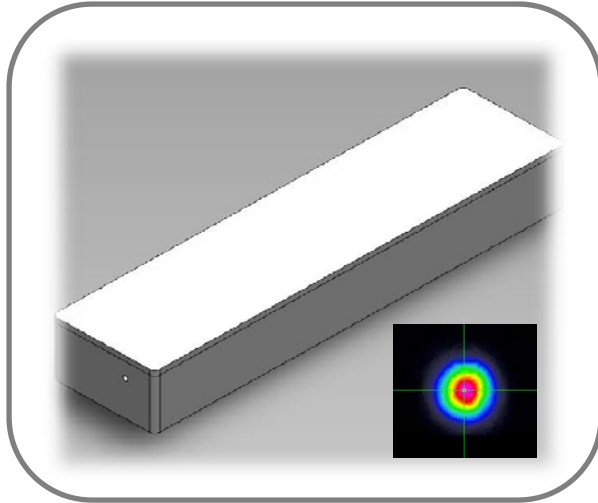




HIGH ENERGY DPSS DUV LASER

213nm



Overview

- High energy and short pulse width for best quality material processing
- High pulse energy for fast throughput
- Excellent TEM₀₀ beam quality
- Stable UV output and long lifetime operation
- Reliable LD pump module for extended lifetime
- Long lifetime ensures lower cost of ownership and high uptime

Specifications

Wavelength	213 nm
Repetition Rate	Single Pulse to 100KHz
Output Power	300mW@100KHz
Pulse Width	9 ns
Spatial Mode	TEM ₀₀
M ²	<1.3
Polarization	Linear
PER	>100:1
Beam Roundness	>90%
Warm-up Time (from cold start)	<30 min
Operating Temp. Range	18 to 35°C
Operating Humidity	5-80%, non-condensing
Non-operating Temp. Range	0-50°C
Non-operating Humidity	8-95%, non-condensing

Applications

Material processing

- Laser micro machining
- Laser drilling
- Laser scribing

Scientific research

- Laser ablation for ICP-MS
- Digital holography
- High resolution measurement

Medical application

- Corneal reshaping

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