New sub-ns DPSSL

sub-ns amplified Q-Switched DPSS Laser

Options Available:
- Beam Expanding and Collimating optics
- Extended Frequency Range (Single Shot to 10 kHz)
- Circular Polarization (standard for material processing)
- Red aiming beam
- IP65 or MIL compliant

Applications:
- Ablation / Micromachining
- High-speed material processing
- LIDAR - LADAR - LIBS
- 3rd to 4th harmonic generation
- Specialty Scribing / Marking

- 300 to 900 ps
- up to 200 kHz
- active Q-Switch
- up to 7 W @ 532 nm
- up to 15 W @ 1064 nm
- excellent beam quality
- low jitter
- MIL specs and IP65
Performance curves can be customized according to application requirements:

Average power [W]  
\[ \text{Repetition rate [kHz]} \]

Pulsewidth [ps]  
\[ \text{Repetition rate [kHz]} \]

Coming soon...

- 25W @ 532nm
- 300 to 900 ps
- up to 200 kHz
- Water cooled

- 100 / 200ps
- up to 500 kHz
- 6W @ 1064nm
- SLM

All information included in this document is subject to change without notice.

Updated data sheets can be provided on request.

For further details, please contact your local Bright Solutions sales representative or visit our website at www.brightsolutions.it