

# High Pulse Rate FLEXI-PULSE DPSS LASERS

## Preliminary Data Sheet - Model FL-15-355-HQ

The HQ model is an extended higher pulse rate version of the Midaz range of Flexi-pulse diode-pumped solid-state (DPSS) lasers. Like the Flexi-Pulse, they offer market leading high average powers, very short pulse duration for high peak powers and now operation to even higher repetition rates of multi-hundred kHz with the HQ extension technology.

Options exist for IR, visible and UV wavelengths.

Model No.	FL-15-355-HQ
Wavelength	355 nm
Average power @200kHz	15 W
Repetition rate	50 - 500 kHz
Pulse duration @200kHz	<20 ns
Spatial Mode	TEM <sub>00</sub> , M <sup>2</sup> <1.3
Polarisation Ratio	> 100:1

Applications include:

- Micro-Electronics
- Aerospace/Automotive
- Medical components
- Industrial Diamond/Gemstones
- FPDs / PCBs / Solar cells
- Laser Marking / Product ID

