

FLEXI-PULSE DPSS LASERS

Preliminary Data Sheet – Model FL-20-532

Midaz range of Flexi-pulse diode-pumped solid-state (DPSS) lasers offer market leading:

- high average powers,
- very short pulse duration for
- highest peak powers and
- operation to high repetition rates.

Flexi-pulse lasers are the ideal choice where high speed and high precision are required, especially for micromachining and laser marking applications.

Several frequency options exist for infra-red, visible and UV wavelengths.

Model No.	FL-20-532
Wavelength	532 nm
Average power @40kHz	20 W
Repetition rate	20 -200 kHz
Pulse duration @40kHz	~10 ns
Spatial Mode	TEM ₀₀ , M ² <1.3
Polarisation Ratio	> 100:1
Laser Head (LxWxH)	400x300x100mm

Applications include:

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

