

FemtoYL-1000/500

YSL Photonics' FemtoYL-1000 is the latest 1000W high power femtosecond fiber laser.

It can deliver a ~500fs pulse width and 1GHz repetition rate, making it an ideal laser for high frequency laser application.



Features:

- Average Power $\geq 1000W$
- Pulse Duration ~500fs
- Repetition Rate 1GHz

Applications:

- Composite machining
- High capacity industrial machining
- 3D printing

Specifications :

Model	FemtoYL-1000/500
Central Wavelength	~1064nm
Power	≥1000W/500W
Repetition Rate	1±0.1GHz/0.5±0.1GHz
Power Stability	<1%
Pulse Width	~500fs
Beam Quality	M ² <1.3
Beam Diameter	~5mm
Beam Divergence	<2mrad
Sync(trigger) Output	SMA TTL
Control Mode	RS232 or DB25
Power Requirement	AC 100V-240V 50/60Hz Rated output > 4000W
Dimension	800mm*450mm*130mm

