

## FemtoYL-6

YSL Photonics' FemtoYL-6 is the latest femtosecond fiber laser. It provides 6W average power at 1035nm, with a pulse duration of 150fs and a repetition rate of 80MHz.

FemtoYL-6 is a cost-effective fs fiber laser system that provides stable and clean short femtosecond pulses with an excellent beam quality and power stability. FemtoYL-6 is a great solution for applications of two-photon fluorescence microscopy and two-photon polymerization etc.

### Features:

- Average Power 6W
- Center wavelength 1035nm
- Pulse Duration 150fs
- Repetition Rate 80MHz

### Applications:

- Two-Photon fluorescence microscopy
- Two-Photon polymerization
- OPO pumping
- Material micro-machining



**Specifications:**

Model	<b>FemtoYL-6</b>
Center Wavelength	1035nm
Total power	6W
Repetition Rate	80MHz
Power Stability	<1%
Pulse Width	150fs
Beam Diameter	~3mm (1m from output aperture)
Beam Divergence (Full Angle)	<2mrad (Defined by ISO-11146-1)
State of Polarization	Linear polarized(S)
Sync Output	SMA TTL pulse
Power Requirements	AC 100V-240V 50/60Hz Rated output > 960W
Dimensions (L*W*H)	680mm*480mm*212mm
Control	RS232
Chiller	Water chiller

