FS-H-532B/100-2000mW

FEMTOSECOND PULSED LASER AT 532nm

All Fiber Femtosecond pulsed laser at 532nm is made features of short pulse duration, high repetition rate, high stability and good beam quality, which is used in optical microscope, photon imaging, physics experiment, etc.

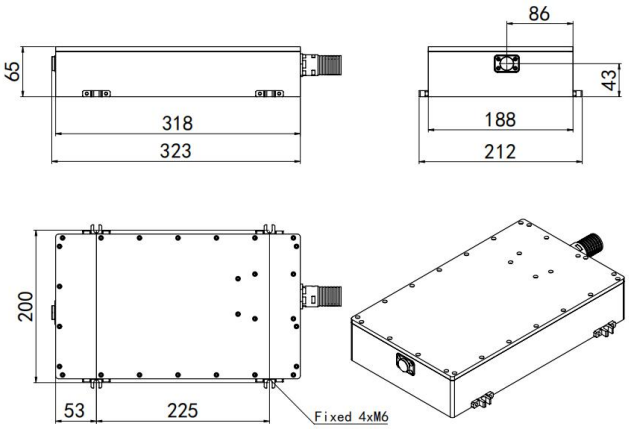
SPECIFICATIONS

Wavelength (nm)	532±2
Operating mode	Pulsed
Average power (mW) [1]	100-2000
Single pulse energy (nJ)	1.25-25
Rep. rate (MHz)	80±1
Pulse duration (fs)	<150
Peak power (kW)	160
Ave power stability (rms, 4 hours±3℃)	<2%, <1%
Warm-up time (minutes)	<10
Transverse mode	TEM_{00}
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture ($1/e^2$,mm)	~1.0
M^2	<1.2
Beam height from base plate (mm)	43
Polarization ratio	>100:1 Horizontal
Cooled method	Air cooled
Operating temperature (℃)	10-35
Power supply (100-240VAC)	RAD1PS
Expected lifetime (hours)	>10000



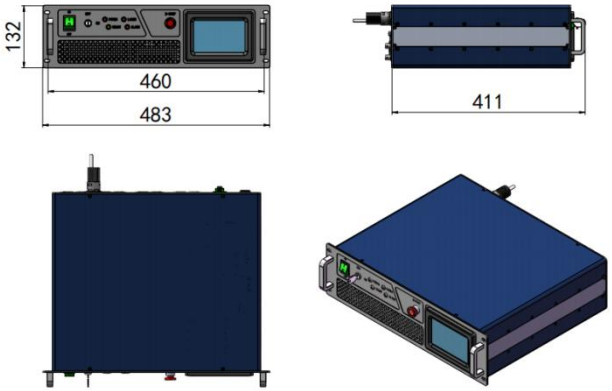


LASER HEAD



323 (L)×212 (W) ×65(H) mm³,5.5kg

POWER SUPPLY



411 (L) ×483 (W) ×132 (H) mm³,7.5 kg

1 One fixed value between 100-2000mW. Integrated AOM for fine power controlled fast power modulation, and the power loss is 15%.

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