

FL-540-Nano/1mW-1W

HIGH FREQUENCY ALL FIBER
PULSED LASER

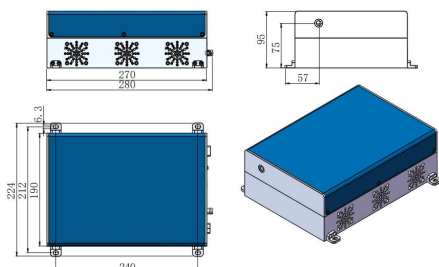
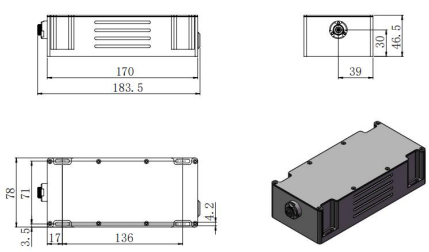
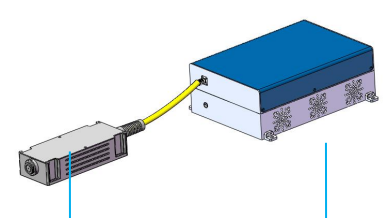
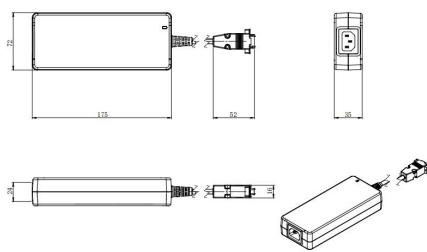
High frequency all fiber pulsed laser at 540nm is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in laser drilling, glass engraving, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	540±1
Operating mode	Pulsed
Average power (mW) ¹	1-1000
Power stability (rms, 4 hours ±3°C)	<3%, <2%
Pulse duration (ns) ²	0.5-50ns
M ²	<1.8
Rep. rate ³	100kHz-1MHz
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Warm-up time (minutes)	<15
Delivery cable length (cm) ⁴	60
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated)			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Second harmonic		
 280(L)×224(W) ×95(H) mm³, 3.5kg	 183.5(L)×78(W) ×46.5(H) mm³, 1kg	 Second harmonic FL-1080-Nano	 350(L)×185(W) ×60(H) mm³, 0.7kg

1 Output power adjustable 10-100%;

2 One fixed value between 0.5-50ns; Pulse width 0.5-5ns or 5-50ns variable.

3 One fixed value between 0.1-1MHz. Repetition rate 0.1-1MHz variable and other frequency can be customized.

4 Other lengths are available on request.