



**FL-540-Nano/1~1000mW**

### 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			
Output power (mW)	10	100	500	1000
Power stability (rms, over 4 hours)	<3%, <2%			
Pulse width(ns) <sup>(1)</sup>	One fixed value between 0.5-50ns			
M <sup>2</sup> factor	<1.8			
Repetition frequency (MHz) <sup>(2)</sup>	One fixed value between 0.1-1MHz			
Polarization ratio	> 15dB			
Warm-up time (minutes)	<15			
Delivery cable length(m)	variable			
Operating temperature (°C)	15~35			
Power supply	220V AC / 12V DC			
Expected lifetime (hours)	10000			
Warranty	1 year			
Options	(1) Pulse width 0.5~5ns or 5~50ns variable (2) Repetition rate 0.1~1MHz variable RS 232 interface Higher output power can be customized			



<b>FL-1080-Nano</b>	<b>Second harmonic</b>	<b>FL-540-Nano</b>
<p><b>286(L)×224(W)×95(H) mm<sup>3</sup> 3kg</b></p>	<p><b>164.5(L)×78(W)×46.5(H) mm<sup>3</sup> 1.1kg</b></p>	<p><b>Second harmonic</b>      <b>FL-1080-Nano</b></p>