



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) ⁵		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, 2kg	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.