



FL-540-Pico/1mW~1000mW

PICOSECOND ALL FIBER PULSED LASER

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



SPECIFICATIONS

Wavelength (nm)	540±1	
Operating mode	Pulsed	
Output power (mW)	1~100	100~1000
Power stability (rms, over 4 hours)	<5%, <3%, <2%	
Pulse width (ps) ⁽¹⁾	One fixed value between 100~900 ps	
M ² factor	<1.5	<2
Repetition frequency (MHz) ⁽²⁾	One fixed value between 0.1~20MHz	One fixed value between 0.1~1MHz
Polarization ratio	> 15dB	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	30	
Delivery cable length (m)	variable	
Operating temperature (°C)	15~35	
Power supply	12V DC	
Expected lifetime (hours)	10000	
Warranty	1 year	
Options	(1) Pulse width 100~900ps variable (2) Repetition rate 0.1~20MHz or 0.1~1MHz variable RS 232 interface Higher output power can be customized	



FL-1080-Pico	Second harmonic	FL-540-Pico
<p>286(L)×224(W)×95(H) mm³ 3kg</p>	<p>164.5(L)×78(W)×46.5(H) mm³ 1.1kg</p>	<p>Second harmonic FL-1080-Pico</p>