



FL-1080-Pico/10~5000mW

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 1080nm 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 laser radar, precision marking, precision drilling, life science, precision etching, microelectronics, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1080±1		
Operating mode	Pulsed		
Output power (mW)	10~100	100~2000	2000~5000
Power stability (rms, over 4 hours)	<2%, <3%		
Pulse width (ps) ⁽¹⁾	One fixed value between 100~900ps		
M ² factor	<1.2	<1.8	
Repetition frequency (MHz) ⁽²⁾	One fixed value between 0.1-20MHz		
Polarization ratio	Random / > 15dB		
Warm-up time (minutes)	<15		
Delivery cable length (m)	variable		
Operating temperature (°C)	15~35		
Power supply	24V DC		
Expected lifetime (hours)	10000		
Warranty	1 year		
Options	(1) Pulse width 100~900ps variable (2) Repetition rate 0.1-20MHz variable RS 232 interface Higher output power can be customized		



FL-1080-Pico(Peak power<5kW)	FL-1080-Pico(Peak power>5kW)
<p style="text-align: center;">286(L)×190(W)×95(H) mm³ 2.5kg</p>	<p style="text-align: center;">324(L)×282(W)×109.5(H) mm³, 8.5 kg</p>