

FIBER LASER - Series (1060nm, Single Mode)

Full-Fiber-Cavity Laser Source

PHOTONIK ^{hv}



High Brightness
Compact Size
Low Noise
High Stability
Medium-High Power

MAIN APPLICATIONS:

- Pump Source
- Raman Spectroscopy
- Metrology
- Material processing
- Bio-medical Instrument
- Communication System

General Specifications	P/N: PFL-1060- XX(Power) – XX(Connector)
CW Output Power (mW)	1 ~ 5000
Output Wavelength (nm)	1060nm
Operation Mode	CW; TTL modulation(up to 20KHz)
Output Fiber Type	Corning Flexcore 1060, Single Mode Fiber Mode Field Area: 5 ~ 7μm
Power Stability	< ± 2% over 2 hrs
Noise (P-P, 10-20MHz)	<0.2%
Spectral Linewidth (nm)	< 0.02
Polarization Ratio	Random (not PM fiber)
Power Control Mode	Current control; Continuous control
Operating Temperature (base plate, °C)	0 ~ 60
Warm-up Time (minutes)	< 1
Expected Operating Lifetime (hours)	24 months
Casing Type	19" Rack Mountable
Operating Voltage	110~220Vac; 50~60Hz
Output Connectors	SMA; FC; ST;available
Optional Modules	
(1) Fiber Adaptor(-FA)	SMA-SMA; FC-FC; ST-ST...
(2) Fiber Splitter Module(-FS)	1 x 2(3/97; 10/90; 20/80; 30/70; 40/60; 50/50); 1x3(33/33/33); 1x4(25/25/25/25); 1x8.....
(3) Fiber Collimator Module(-CL)	Beam size: 4mm; 5mm; 10mm; 20mm....
(4) Beam Expander Module(-BE)	X2; x3; x4; x5; x6; x8; x10; x12; x15; x20.
(5) Beam Focuser(-BF)	With beam focusing tubes

Photonik reserves the rights to update the product designs and specifications at any time without prior notice.

For order placement, create the part number and call us now;

Example: P/N: **PFL-1060-1000-SMA-FA-FS(50/50)-CL(10)** is for 1000mW output power, with SMA connector terminated & SMA-SMA adaptor, and 1x2(50/50) fiber splitter, collimator output of 10mm beam size.

For OEM modules of fiber laser boards, or request for mini-size of low power fiber lasers, please write or call us for discussion.;

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