



High Power 1064nm Fiber Laser; Laboratory Research Instrument; CW and Pulse Modes

- Up to 10kW peak pulse power
- Turn-key benchtop instrument
- CW and pulsed modes of operation

WORLD LEADING PRODUCTS
FOR LASER SCIENTISTS AND ENGINEERS

DATA SHEET

FL-1064NM-10W Product Overview

These 1064nm fiber lasers offer up to 10kW of peak power. They can be controlled by front panel with LCD display or by remote interface. These fiber lasers are affordable, accurate lab instrument. These turn-key microprocessor controlled benchtop or rack-mount units are highly reliable with multiple integrated protection features.



FL-1064NM-10W SPECIFICATIONS

OPTICAL

Operational Modes:	Pulsed or CW
CW Output Power:	10W
Pulse Width:	10 to 1,000 nanoseconds
Repetition Rate:	10 to 100 kHz (external TTL)
Wavelength:	1064.00nm +/- 0.04nm
Linewidth (typical):	0.2nm
Polarization:	Linear or random (request)

APPLICATIONS

Laboratory Research
Micromachining Applications
Marking Applications
Scribing
Fiber Optic Sensing

INTERFACE

Front Panel:	Alphanumeric Color Front Panel Interface
Remote:	RS232, LabView control software included
Remote:	RJ-45 (TCP/IP Ethernet optional)
Optical Connector Options:	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber Options:	PM fiber, SMF-28 (optional)

GENERAL

Operating Temperature Range:	0 to +40C
Storage Temperature:	-10 to +70C
Power Supply:	90 – 240 VAC, 47 – 63Hz
Dimensions:	3U Rackmount, 450(W) x 615(D) x 150(H) mm
Chassis Safety Control:	Key-lock switch, BNC
Interlock Key	

