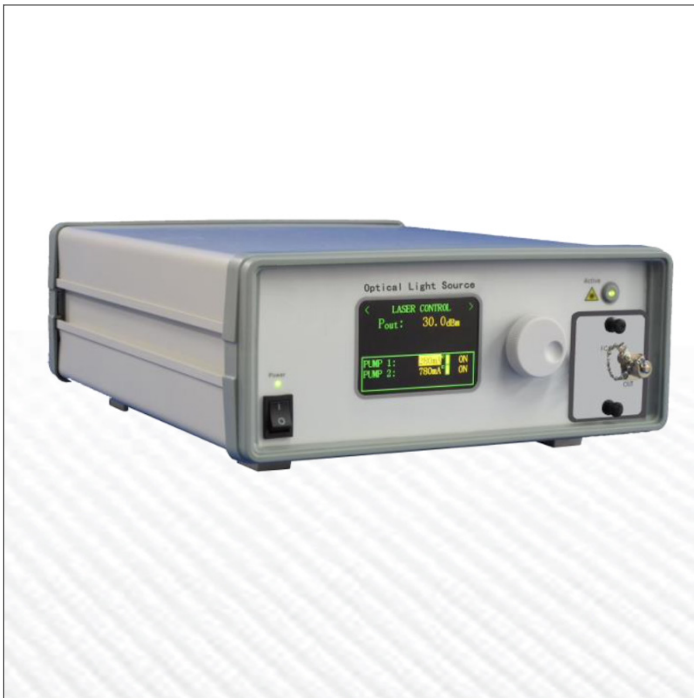




1064nm Pulsed Fiber Laser Light Source 1 W Peak Output Power



Pulsed Fiber Laser Light Source

- o Part Number: AMN-FL-1064-1
- o Peak Output Power: 30 dBm (1 W)
- o Wavelength: 1064 nm
- o Pulse Width: 5 ns - 100 ns
- o FC/APC Output Fiber Connector
- o Compact Benchtop Form Factor



HIGH POWER PULSED FIBER-LASER SOURCE

This pulsed fiber laser delivers high peak pulse power at 1064nm. The laser source features tunable pulse width from 5 ns to 100 ns, and is driven from the internal pulse generator. It is ideal for demanding applications that require 1 μ m pulse laser emission at high peak power.

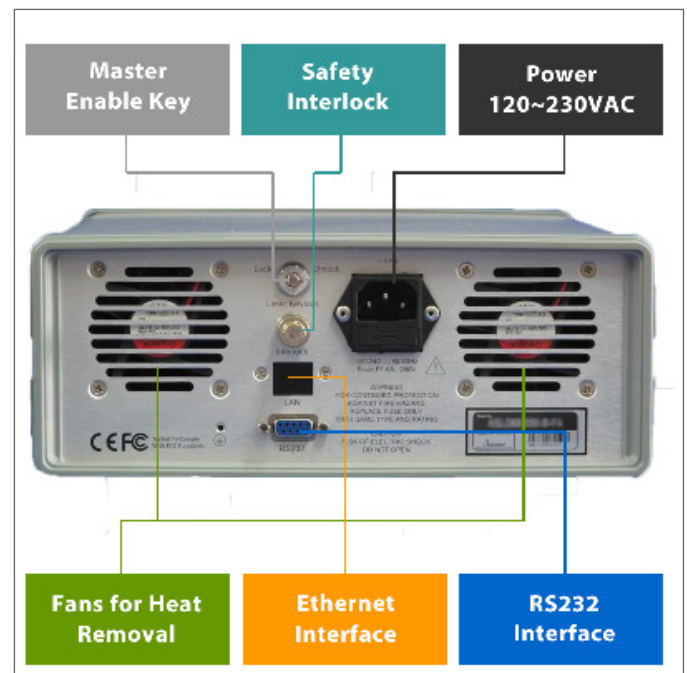
The fiber laser source is equipped with alarms and status indicators. An integrated RS232 computer interface provides easy control, diagnostic functions and data acquisition.

The turnkey microprocessor controlled pulse laser is offered standard as a benchtop unit. It is also available as a 1U-high rack-mount unit; please inquire for details.

EASY TO USE AND FLEXIBLE FOR A WIDE RANGE OF APPLICATIONS

The pulsed fiber laser source is very flexible for a wide range of applications. The unit is equipped with an FC/APC front-panel fiber connector, but others can be ordered as an option: FC/UPC, SC/APC, SC/UPC.

The instrument can also be ordered with polarization-maintaining fiber, and with a single-frequency emission provide. Inquire for details on these options.





OPTICAL SPECIFICATIONS

- Output Power (typical): 1 Watt
- Output Power (min.): > 700mW
- Pulse Width: 5 ns - 100 us (duty cycle < 2%, repetition rate < 500kHz)
- On/Off Extinction Ratio: > 25 dB
- Trigger Voltage: TTL (standard)

GENERAL

- Operating Temperature Range: 0°C to +40°C
- Storage Temperature: -10°C to +70°C
- Power Supply: 90 – 240 VAC, 47 – 63Hz
- Dimensions: 260mm (W) x 330 mm (D) x 120 mm (H)
- Safety Control: Key-Lock, BNC Interlock

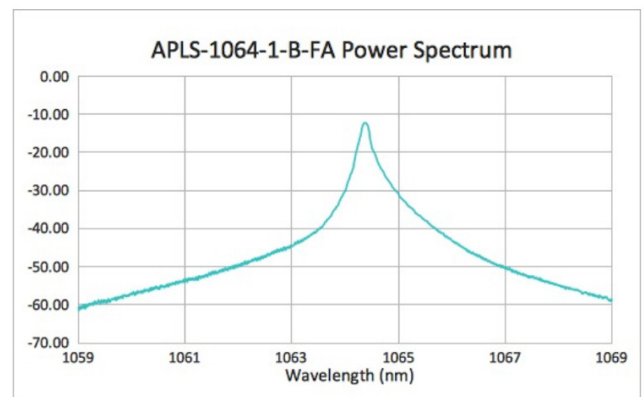
INTERFACE

- Optical Power Monitoring: Front Panel or Remote I/O
- Front Panel: Alphanumeric Interface
- Remote: RS232, LabView Control Software Included
- Optional Remote: RJ-45 TCP/IP Ethernet
- Optical Connector: FC/APC
- Connector Options: FC/UPC, SC/APC, SC/UPC
- Optical Fiber Options: H11060 or PM 980

APPLICATIONS

- SHG Applications
- Medical Systems
- Industrial Lasers
- Fiber Optic Sensing
- Laboratory Research

1064nm High Power Pulse Laser Source





Offered by
LASER LAB SOURCE



**LIGHT
SOURCES**

PRODUCT SALES AND SERVICE:

Orders for this product are fulfilled by Laser Lab Source in North America and select international regions. It is manufactured by Amonics, Ltd.

PRODUCT WARRANTY:

This product is sold with a full one-year warranty. It is warranted to be free from defects in material and/or workmanship for a period of one year from the date of shipment.



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