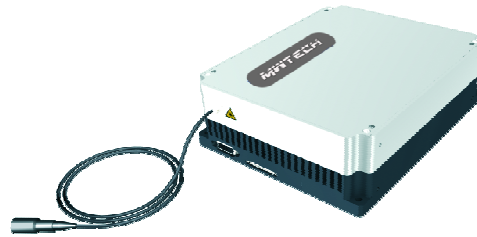


Pulsed Fiber Laser Series 1064nm

Model no.: PFL-1064



Description

This Pulsed Fiber Laser generates single frequency nanosecond pulses at 1064nm. It is based on a MOPA (Master Oscillator Power Amplifier) architecture that uses proven subsystems and proprietary laser pulse generation, triggering, gating and ASE suppression techniques. The laser incorporates real-time stabilization, control electronics and firmware that continuously monitor and optimize laser operation.

Optical parameters (at 25°C)

Parameter	Specification	Unit
Center wavelength	1064 ±2	nm
Center wavelength stability	active stabilization	-
Pulse width range	10 – 200	ns
Pulse repetition frequency	Single-shot to 500	kHz
Peak power	> 1	kW
Rated average power	> 1	W
Output polarization	Random	-

Optical connections

Output fiber	HI1060 or equivalent
Fiber delivery length	75cm

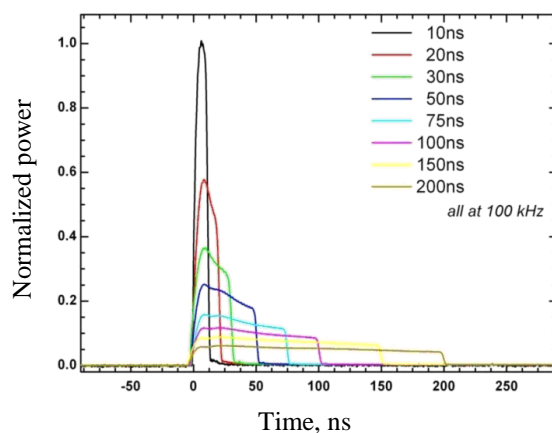
Electrical parameters

Parameter	Specification	Unit
Power supply	+3.3 or +5 and +15	V

Mechanical specifications

Parameter	Specification	Unit
Dimensions (WxDxH)	205 x 255 x 95	mm

Typical pulse width profiles



Power vs Trigger Frequency

