

HFL-1

1μm Band High Power Pulsed Fiber Laser

Applications

- Distance measurement Airborne LIDAR
- 3D Scanning
- Test & Measurement

Features

- High peak power, up to 25kW
- Compact Package
- Low Power Consumption



Parameter

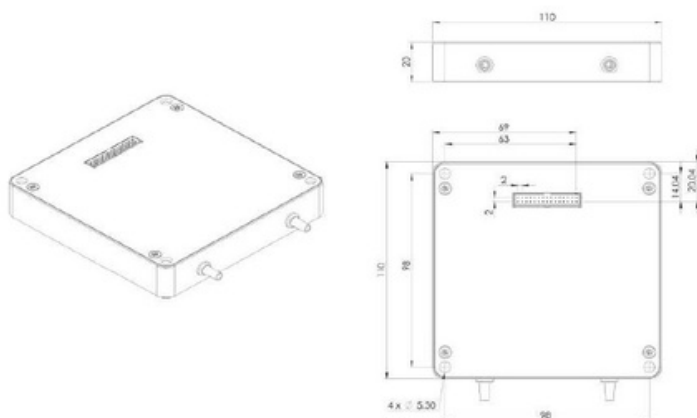
Parameter Range

Center Wavelength	[nm]	1030 / 1053 / 1064 ... 1100
Wavelength Drift	[nm/°C]	0.1
Laser Peak power	[W]	Up to 25
Laser Output Power, average	[W]	Up to 5
Pulse Width	[ns]	0.4 ... 10
Pulse Energy	[μJ]	Up to 150
Repetition rate	[kHz]	10 ... 500
Pulse Timing		External trigger, TTL
Polarization		Random / Linear
Mechanical Dimensions	[mm]	110x110x20
Operating Case Temperature	[°C]	-5...+65
Output Fiber length	[cm]	30
Output Termination		SC/APC, FC/APC, Collimator
Power Supply Voltage		+12 / +24
Power Consumption	[W]	<50
Communication Interface		RS-232

up to 100

Mechanical Dimensions

Ordering Information



Custom variants are available upon request, please contact our customer service to discuss your specification requirements.

Evaluation board available on request



Specifications are subject to change without notice