

### Key Features

- Miniature size and robust MOPA fiber laser
- A couple of uJ laser pulse for pulse duration of 20ns in 1550nm
- Ultra low electrical power consumption

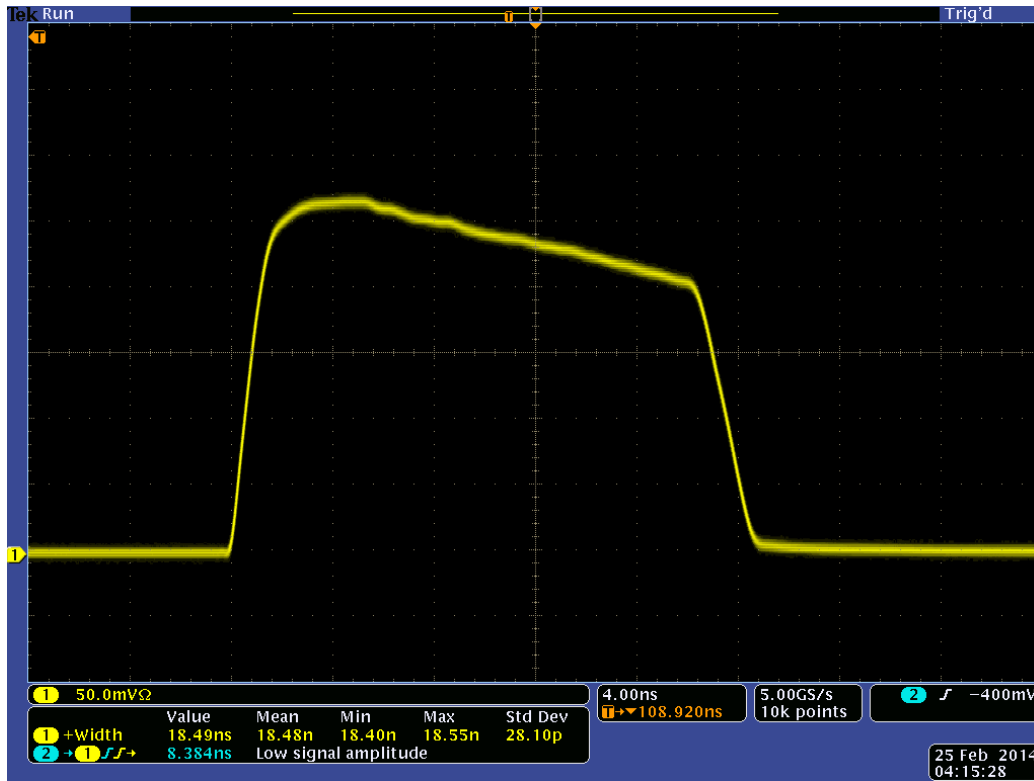
### Applications

- Power consumption sensitive / battery powered portable light source for LIDAR in eye-safe wavelength

### Typical Specifications

Model Number	EDFL-Nano-1550-20-2-FCA
Fiber Laser Pulses Timing	External Triggered, TTL
Center Wavelength [nm]	1550
Pulse Width [ns]	20
Pulse Energy [uJ]	~ 2
Laser Output Power [mW]	~ 50
Laser Output Termination	FC/APC, mating collimator available
Repetition rate [kHz]	10 to 50
Laser Output Pulse Peak Power [W]	100 to 120
Polarization	Random
Output Beam Quality	Single-mode
Dimension [mm]	70 x 45 x 20
Operation Temperature [°C]	-5 to +60 Case Temperature
Input Voltage	5VDC
DC power Consumption [W]	≤ 3
PC Communication Interface	RS232

**Specifications are subject to change without prior notice**



20kHz / 20ns / 2 uJ Optical output pulse