

Key Features

- Pulse width tunable 10 ns – 100 ns
- Pulse repetition rate 10 kHz – 250 kHz

Applications

- High power light source for LIDAR

Typical Specifications

Model Number	YDFL-Nano-20-Coll
Center Wavelength [nm]	1060
Repetition rate [kHz]	10 to 250
Pulse Width [ns]	10 – 100, variable
Peak Power [kW]	15
Pulse Energy [uJ]	250
Optical Average Power [W]	≤ 20
Polarization	Random
Optical Output Termination	Collimated beam, 4mm beam diameter
Output Beam Quality	$M^2 \leq 1.30$
Optical Cable Length [cm]	≤ 40
Dimension [inch]	11.25 x 8.5 x 3.7
Operation Temperature [°C]	-5 to +50 Case Temperature
Electrical Power Supply	24VDC
DC power Consumption [W]	≤ 135 [at 10W output power, +40 °C case temperature]
Communication Interface	RS232

Specifications are subject to change without prior notice