

### Key Features

- Ultra-high spectra brightness
- 130kW peak power for pulse duration of 1.5 ns in 1064nm

### Applications

- High power light source for LIDAR

### Typical Specifications

Model Number	YDFL-Nano-1064-1.5-200-10-FCA
Center Wavelength [nm]	1064 +/- 0.6
Repetition rate [kHz]	10 to 1000
Pulse Width [ns]	1.5 typical
Peak Power [kW]	150
Pulse Energy [uJ]	200
Optical Average Power [W]	≤ 10
Polarization	Random
Optical Output Termination	Optical cable FC/APC connector
Output Beam Quality	$M^2 \leq 10$
Optical Cable Length [cm]	≤ 40
Dimension [inch]	9.24 x 9.05 x 5.25
Operation Temperature [°C]	-5 to +40 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*