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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 [⁰ C] | -5 to +40 Case Temperature |
| Electrical Power Supply | 24VDC |
| DC power Consumption [W] | \leq 135 [at 10W output power, +40 ^o C case temperature] |
| Communication Interface | RS232 |
| Specifications are subject to change without prior notice | |

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