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# YDFL-Nano-10W

## Key Features

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

## Applications

- High power light source for LIDAR

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## Specifications

## Description

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

<b>Electrical Power Supply</b>	24VDC
<b>Operation Temperature [0C]</b>	-5 to +40 Case Temperature
<b>DC power Consumption [W]</b>	≤ 135 [at 10W output power, +40 0C case temperature]
<b>Communication Interface</b>	RS232

## Related products



EDFL-Nano-50mW

(<https://www.nuphoton.com/shop/edfl-nano-50mw/>)

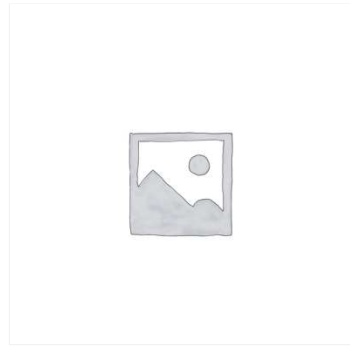
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Fiber Laser at 1550 nm, EDFL-Nano-2W

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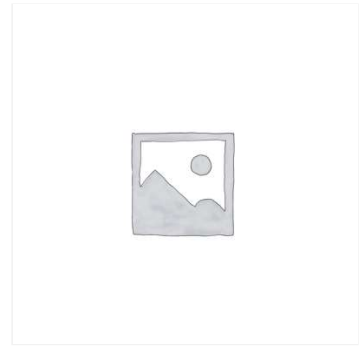
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ASE 1 um

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YDFL-Pico Fiber Laser, Types YDFL-Pico-1064nm and YDFL-Pico-1030nm

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Space-Qualified EDFAs rated for LEO and GEO applications to be qualified in the second half of 2017

Radiation hardened fiber optics and control electronics are implemented in this product to the level of 100krad. A low noise preamplifier and a high-p ...

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