

Panda NT – Fiber Laser for LiDAR

Features

- 1,550 nm eye-safe operation
- Peak power up to 3 kW
- Pulse width from 1 ns to 20 ns
- Pulse repetition rate up to 10,000 kHz
- Low power consumption and compact size

Applications

- Pulse fiber laser source for LiDAR in ADAS applications
- 3D scanning
- Telemetry, range-finding
- Cloud height measurement



Main Specifications

Parameter	Specification	Unit
Operating Wavelength	1,550	nm
Repetition Rate	1,000	kHz
Pulse Width	1 ~ 20	ns
Average Power	1,000	mW
Peak Power	1	kW
Communication Protocol	RS232	
Power Consumption	15	W
Power Supply Voltage	5	V
Operating Temperature	-10 ~ +65	°C
Storage Temperature	-40 ~ +80	°C
Dimensions	Φ 120 * 20	mm



Order Information

Part Number: **F.1OL-050501-01A**

- The above specifications represent the typical performance of an O-Net Panda NT module.
- Please contact our Sales to discuss your specific requirements.

