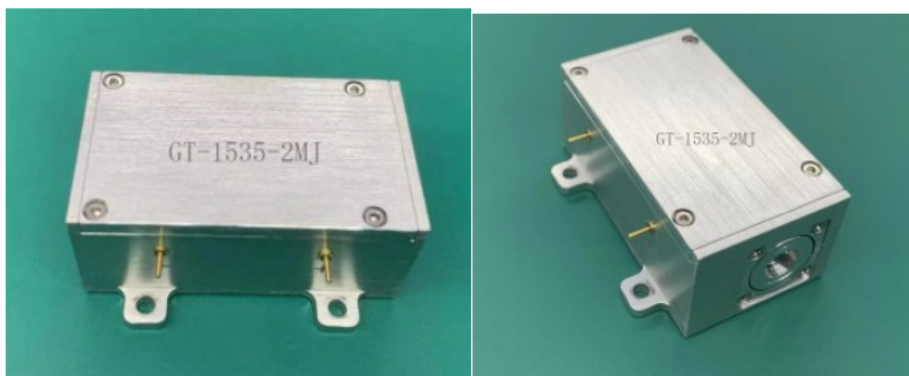


## 1535nm Erbium Laser-2mJ



### Application



Range finder

Laser irradiation

Laser radar

Laser designator

### Safety instruction

- This laser is a sophisticated opto-mechanical product that may cause dangerous laser damage. Do not open or adjust any part of the laser, or try to repair or adjust the performance of the laser by itself.
- Attention to static protection: laser electronic components are electrostatic discharge sensitive equipment, do not touch any electronic equipment without protective measures.
- Only the laser power is allowed to be operated at the specified current and pulse width.
- Do not touch the optical lens with your fingers or hard objects (to prevent oil contamination or scratching of the lens).
- It is prohibited to store under non-specified conditions (high environmental pollution, beyond the storage temperature range, etc.).
- Prevent the laser from experiencing a strong mechanical impact (vibration, impact, fall, etc.).
- Prevent the laser to a temperature of sudden change ( $> 3^{\circ}\text{C} / \text{min}$ ) (in case the lens breaks).
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### Parameters

Model	GT-1535-2MJ
Wavelength	1535 nm

Pulse energy (Min./Typ.)	2mJ / 2.5mJ
Pulse width, Typ.(FWHM)	11 ns
Pulse repetition rate	5Hz
Pulse stability	±5%
Spots diameter	0.5 mm
Beam divergence angle	4mrad
Spots mode	TEM00
Operating temperature	-45 °C~+65 °C
Storage temperature	-55 °C~+85 °C
Impact	1500 G, 0.5 ms
Vibration	5-200 Hz/20 G
Life span	>50 million shots
Dimension	60×34×26 mm
Weight	120 g
Voltage	5V
Current	60-70 A
Pulse width	4ms

## Dimension

