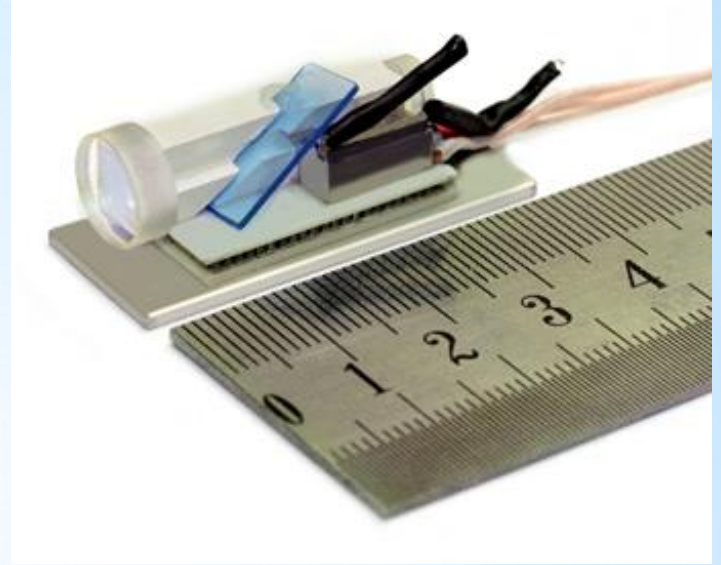


## Compact Eye-safe 1,54 $\mu\text{m}$ 1 mJx1 Hz Yb:Er glass Laser

### Features:

- Eye-safe
- TEM00
- Passive modulator
- OEM
- Diode pumped
- Operation temperature  $-40^{\circ} \dots +60^{\circ} \text{C}$
- Storage temperature  $-60^{\circ} \dots +60^{\circ} \text{C}$



### Technical characteristics:

Optical	
Wavelength	1.54 $\mu\text{m}$
Pulse energy	1 mJ
Pulse duration	10 ns
Beam quality	1.2 DL
Pulse repetition rate	1 Hz
Burst mode	3 Hz
Power supply	
Current	100 A
Pulse duration	5 ms
Voltage	2 V

### Applications:

- Compact and portable rangefinders
- LIDAR
- Environmental monitoring
- Free space optical communication
- Navigation

