



Eye-safe 1,54 μm 12 mJx10 Hz Yb:Er glass Laser



Features:

- Eye-safe
- Acousto-optic modulator 80 MHz
- Portable
- Diode pumped
- Pulse repetition rate up to 20 Hz
- Operating temperature $-40^{\circ} \dots +60^{\circ} \text{C}$
- Conductive or convective cooling optional

Applications:

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

Technical characteristics:

Optical	
Wavelength	1.54 μm
Pulse energy	12 mJ
Pulse duration	25 ns
Beam divergence	2 arc min
Pulse repetition rate	10-20 Hz
Power supply	
Current	120 A
Pulse duration	5 ms
Voltage	8 V