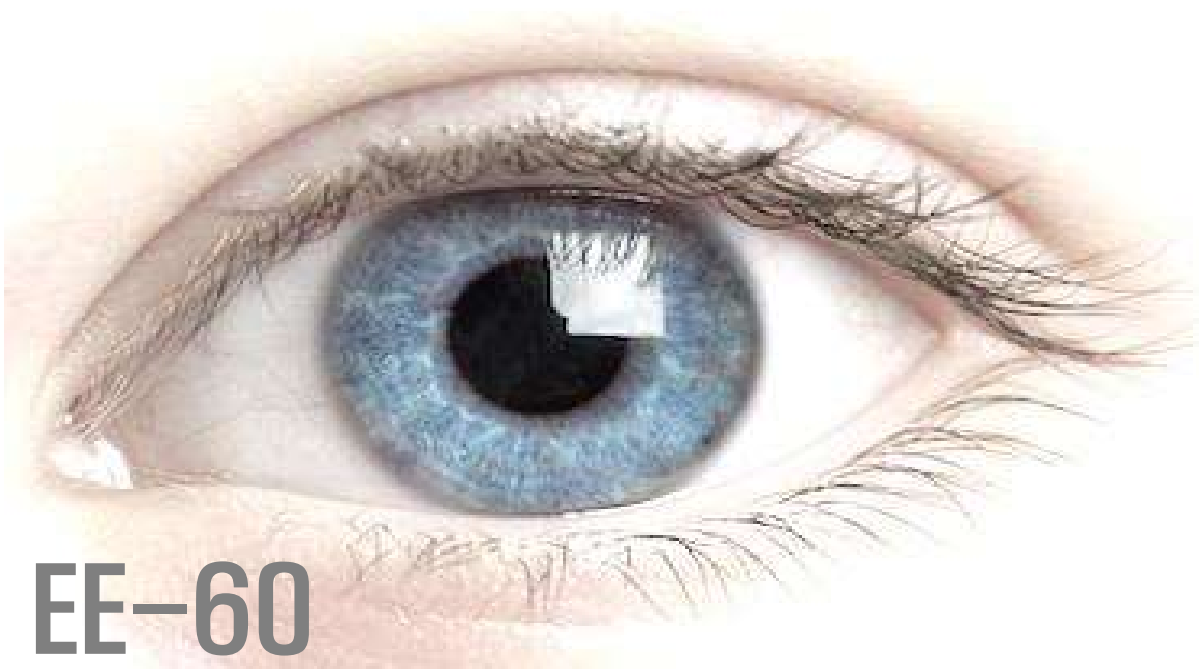


Eye-safe and Compact laser _ EE-60

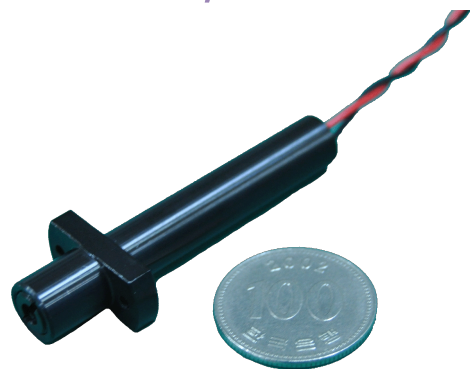


EE-60

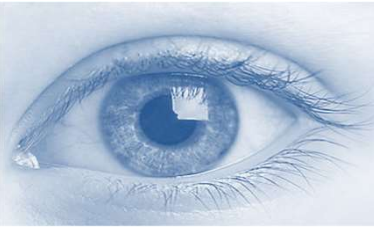
Diode Pumped
Eye-Safe Microchip Laser,
1Hz, 60 μ J, 5ns

Features

- Eye-safe microchip Laser
- Ultra stable output
- Excellent beam quality
- Small and Lightweight
- Passively Q-switched
- Wide operating temp. range
- Optional transmitter Optics



Included transmitter Optics



EE-60

Diode Pumped
Eye-Safe Microchip Laser,

Eye-safe and compact laser _ EE-60

Applications

- Laser Range Finding
- Pollution monitoring
- Vehicle collision avoidance
- Bio/Medical application
- Military application

Technical Data

Laser type	Er,Yb:glass
Wavelength	1535nm
Laser Energy	60μJ
Output Pulse width	~5ns
Raw Beam Diameter	0.2×0.3mm
Beam Divergence	< 7×10mrad / < 1.2mrad ¹⁾
Pulse Repetition rate	1Hz

Other Information

Laser Dimensions	φ9.0mm×32.5mm / φ9.0mm×57mm ¹⁾
Laser Weigh	< 5g
Electrical Requirements	5A, 2V, < 3ms
Integrated Photodiode	No
Conductive Cooling requirements	< 30mW

Environmental Performance

Operational Temperature	-32 to +60°C
Storage Temperature	-40 to +71°C
Applicable Standards	MIL-STD-810G

¹⁾ Included transmitter Optics