

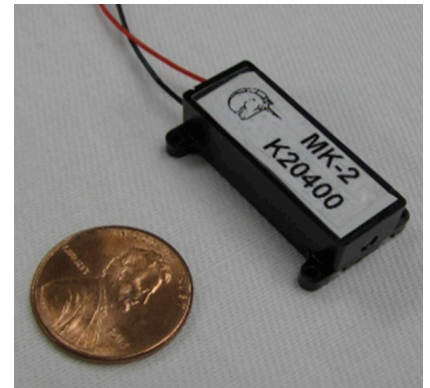


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## MK-2

1 to 10 Hz, 0.2+ mJ, 5 ns

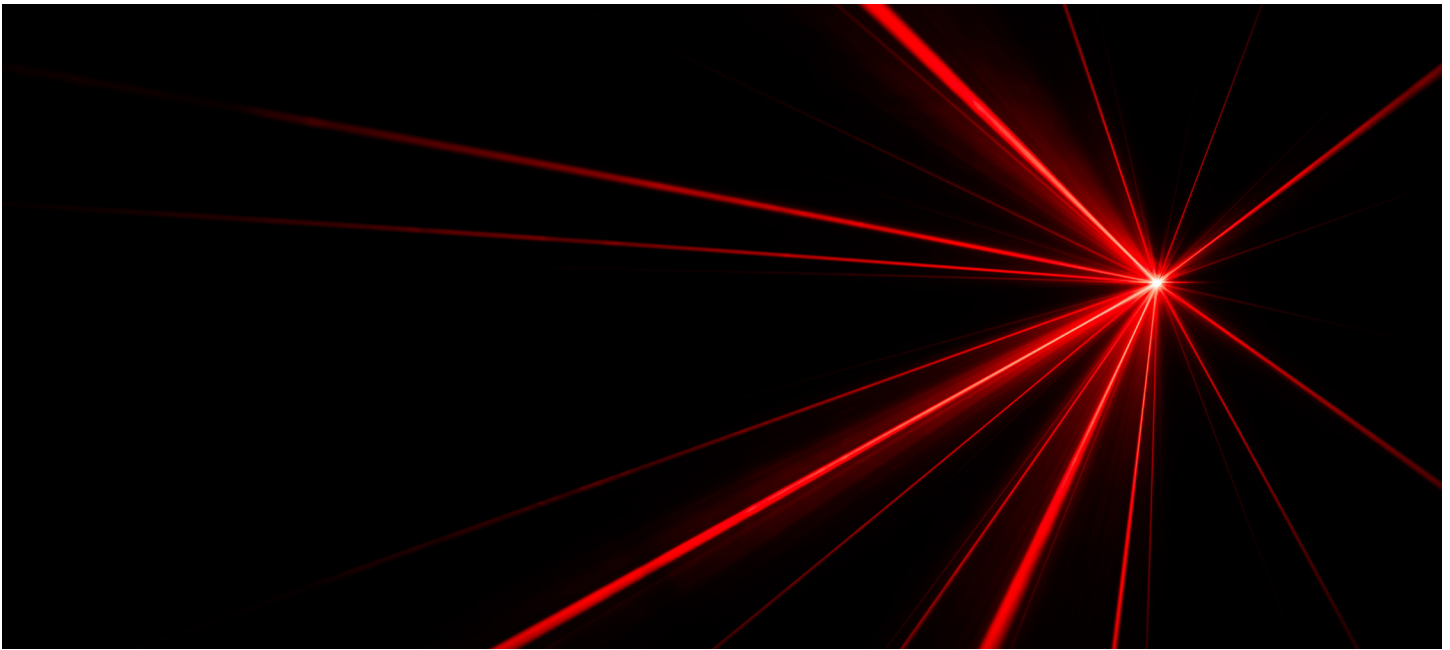
MK-2	
<b>Specifications</b>	
Wavelength	1535 nm
Laser Energy	0.2+ mJ
Pulse Repetition Rate	1 to 10 Hz 60 °C to 70 °C at 10 Hz, 20% duty cycle per minute
Laser Pulse Width	≈ 5 ns
Raw Beam Diameter	0.21 x 0.31 mm
Beam Divergence (D4σ method)	≈ 7 x 10 mrad
Laser Head Size (in inches)	0.4 in x 0.6 in x 1.2 in
Laser Head Size (in centimeters)	1.02 cm x 1.52 cm x 3.05 cm
Laser Head Weight	~90g
Laser Operational Temperature	-40 °C to +71 °C
Laser Storage Temperature	-55 °C to +90 °C
Electrical Requirements	2 V, 8.5 A, < 6 ms
Conductive Cooling Requirements	< 1 W
Integrated Photodiode	No



The MK-2 is an “eye-safe” 1.54 μm diode-pumped passively q-switched Erbium glass laser transmitter with no integrated photodiode.

## ABOUT L3HARRIS

L3Harris is an ISO 9001:2015 certified full-service manufacturer of miniature eye-safe diode-pumped 1.54 $\mu$ m Erbium glass laser transmitters and specialty laser and filter glass material. These items are used in applications including laser range-finding, range gate imaging, Light Detection and Ranging (LIDAR), and Laser-Induced Breakdown Spectroscopy (LIBS).



### MK-2

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