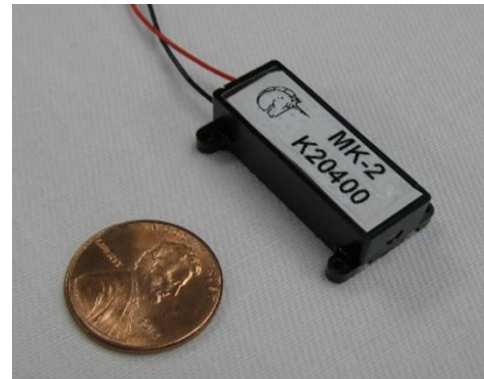


MK-2

SS-10Hz, 0.2+mJ, 5ns

“Eye-safe” 1.54 μm diode pumped passively q-switched Erbium glass laser transmitter with no integrated photodiode.



Wave length	1535 nm
Laser Energy	0.2+ mJ
Pulse Repetition Rate	SS - 10 Hz
Laser Pulse Width	≈ 5 ns
Raw Beam Diameter	0.21 x 0.31 mm
Beam Divergence	$\approx 7 \times 10$ mrad
Laser Head Size (in inches)	0.4 x 0.6 x 1.2
Laser Head Size (in cm)	1.02 x 1.52 x 3.05
Laser Head Weight	≈ 9 g
Laser Operational Temperature	-40 to +71 C
Laser Storage Temperature	-55 to +90 C
Electrical Requirements	2 V, 8.5 A, < 6 ms
Conductive Cooling requirements	< 1 W
Integrated Photodiode?	No