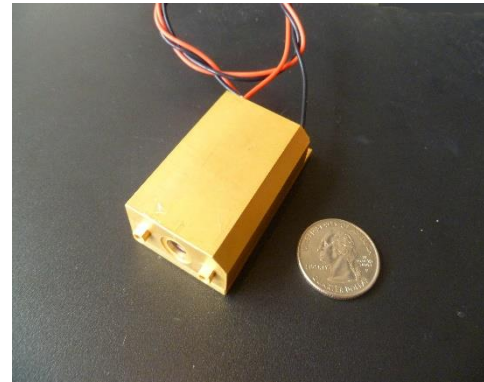


MK-82

SS, 1-2Hz, 2+mJ, 6ns

“Eye-safe” 1.54 μm diode pumped passively q-switched Erbium glass laser transmitter with integrated photodiode.



Wave length	1535 nm
Laser Energy	2+ mJ
Pulse Repetition Rate	SS, 1 – 2 Hz
Laser Pulse Width	\approx 6 ns
Raw Beam Diameter	0.8 mm
Beam Divergence (D4 σ method)	\leq 4.2 mrad
M ²	\leq 1.7
Beam Wander	\leq 0.5 mrad
Laser Head Size (in inches)	0.65 x 1.20 x 2.19
Laser Head Size (in cm)	1.65 x 3.05 x 5.56
Laser Head Weight	\approx 136 g
Laser Operational Temperature	-35 to +71 C
Laser Storage Temperature	-55 to +90 C
Electrical Requirements	4 V, 100 A, < 3 ms
Conductive Cooling requirements	< 2.4 W
Integrated Photodiode?	Yes