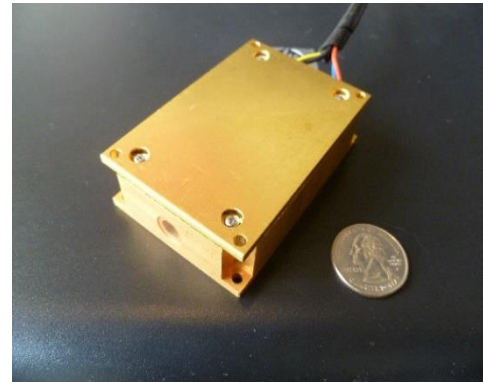


# **MK-88**

## **SS-10Hz, 3+mJ, 6ns**

**“Eye-safe” 1.54  $\mu\text{m}$  diode pumped passively q-switched Erbium glass laser transmitter with integrated photodiode.**



Wave length	1535 nm
Laser Energy	3+ mJ
Pulse Repetition Rate	SS – 10 Hz
Laser Pulse Width	$\approx$ 6 ns
Raw Beam Diameter	0.8 mm
Beam Divergence (D4 $\sigma$ method)	$\leq$ 4.2 mrad
M <sup>2</sup>	$\leq$ 1.7
Beam Wander	$\leq$ 0.5 mrad
Laser Head Size (in inches)	0.85 x 2.00 x 3.00
Laser Head Size (in cm)	2.16 x 5.08 x 7.62
Laser Head Weight	$\approx$ 175 g
Laser Operational Temperature	-30 to +50 C
Laser Storage Temperature	-55 to +71 C
Electrical Requirements	8 V, 100 A, < 3 ms
Conductive Cooling requirements	< 24 W
Integrated Photodiode?	Yes