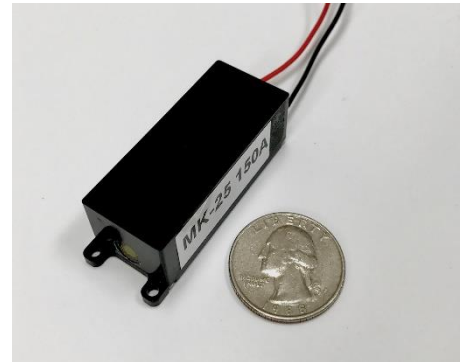


# MK-25-150A

## SS, 1-5Hz, 2+mJ, 6ns

**“Eye-safe” 1.54  $\mu\text{m}$  diode pumped passively q-switched Erbium glass laser transmitter with no integrated photodiode.**



Wave length	1535 nm
Laser Energy	2+mJ
Pulse Repetition Rate	SS, 1 – 5 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)	1.83 x 0.78 x 0.61
Laser Head Size (in cm)	4.65 x 1.98 x 1.55
Laser Head Weight	$\approx$ 41 g
Laser Operational Temperature	-40 to +71 C
Laser Storage Temperature	-55 to +90 C
Electrical Requirements	2 V, 150 A, < 3 ms
Conductive Cooling requirements	< 4.5 W
Integrated photodiode?	No