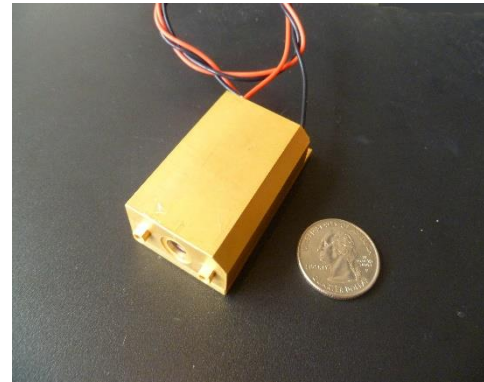


MK-85

SS-10Hz, 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 – 10 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 | -30 to +50 C |
| Laser Storage Temperature | -55 to +90 C |
| Electrical Requirements | 4 V, 100 A, < 3 ms |
| Conductive Cooling requirements | < 12 W |
| Integrated Photodiode? | Yes |