

AO-610

1-10Hz, 6+mJ, 6ns

**“Eye-safe” 1.54 μm
diode pumped actively
q-switched Erbium glass
laser transmitter.**



Wave length	1535 nm
Laser Energy	6+ mJ
Pulse Repetition Rate	1-10 Hz
Laser Pulse Width	\approx 6 ns
Raw Beam Diameter	0.8 mm
Beam Divergence	\approx 4.2 mrad
M ²	\approx 1.7
Beam Wander	< 0.5 mrad
Laser Head Size (in inches)	1.2 x 2.0 x 3.7
Laser Head Size (in cm)	3.05 x 5.08 x 9.39
Laser Head Weight	\approx 290 g
Laser Operational Temperature	-30 to +50 C
Laser Storage Temperature	-55 to +90 C
Electrical Requirements	8 V, 100 A, < 3 ms
Conductive Cooling requirements	< 24 W