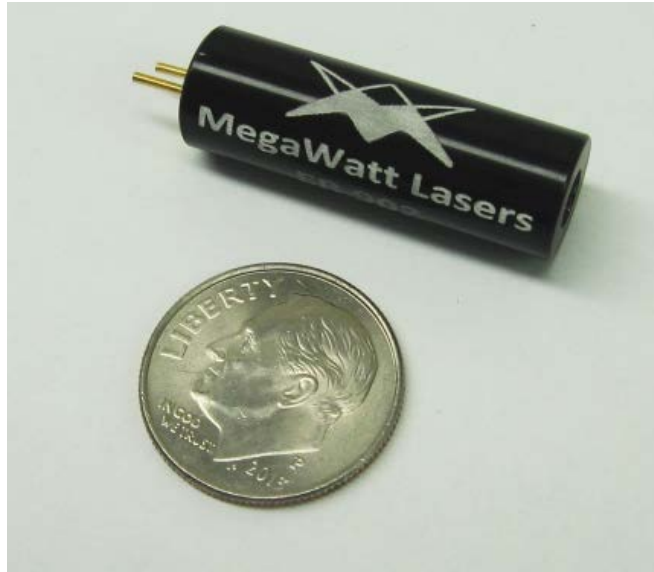




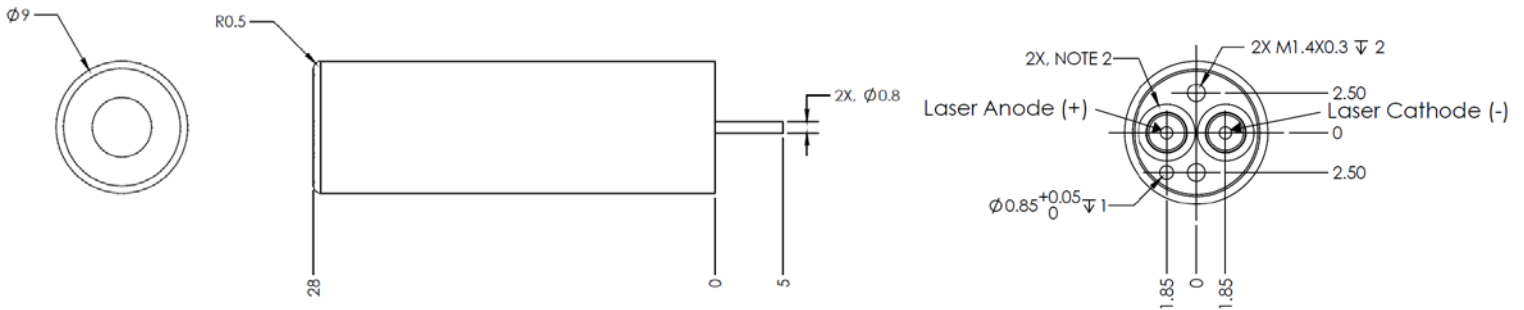
# ER902 MINIATURE SOLID-STATE LASER



Diode-Pumped, Passively Q-Switched, Er:Glass Laser Packaged

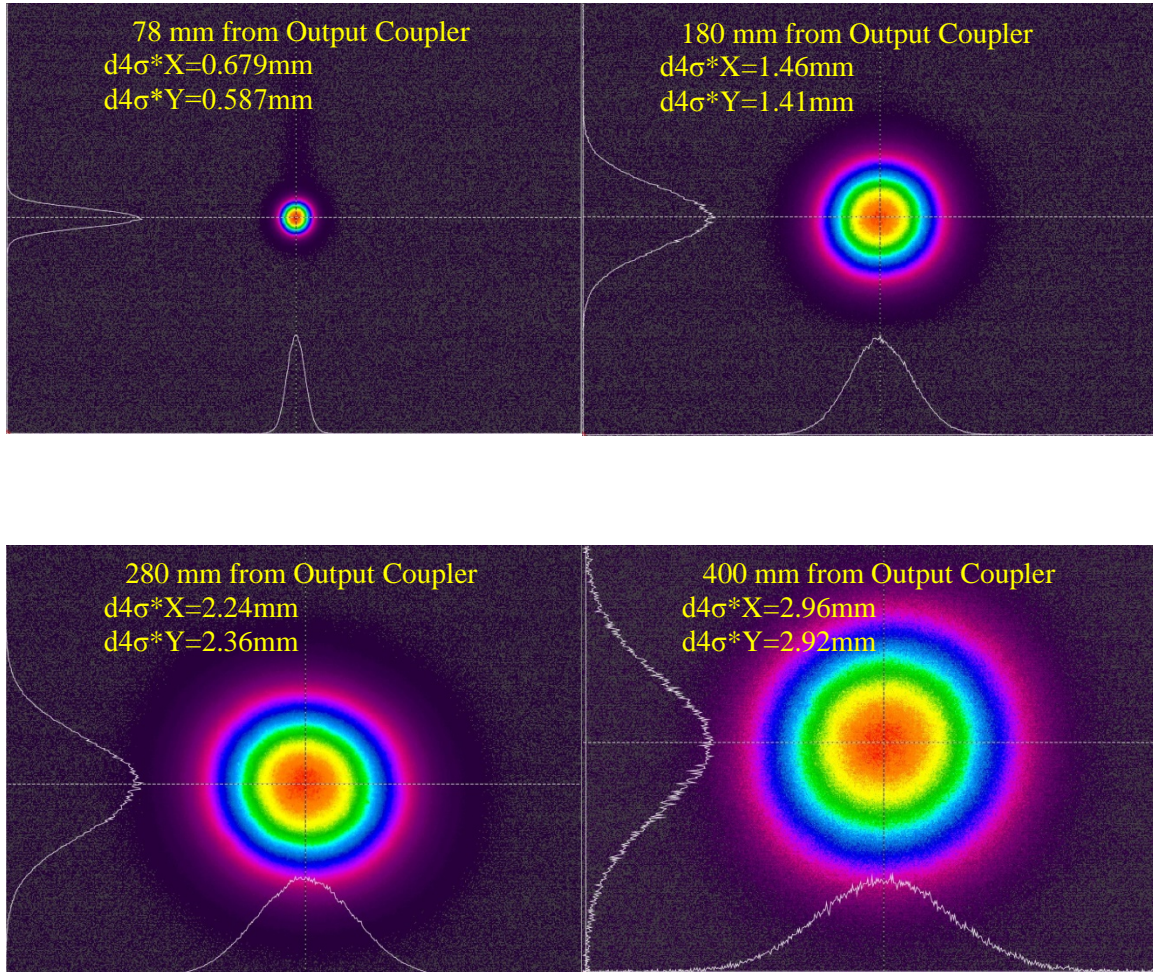
### Standard Specifications

Parameter	Nominal Value
Wavelength:	1.535 $\mu\text{m}$
Pulse Energy:	200 $\mu\text{J}$ nominal
Pulse Width:	Approx. 4 ns (TBD)
Build up time:	~2.0mS typical
Peak Power:	50 kW
Repetition Rate:	Single Shot to 10 Hz
Operational Temperature:	-40 to 65° C
Beam Quality:	TEM <sub>000</sub> , Near Diffraction Limited
Divergence:	~7 mRad
Power Requirement:	≤6 Amp Pulse, 2V
Standby Power	<i>not required</i>



For more information contact: [sales@megawattlasers.com](mailto:sales@megawattlasers.com)

## Beam Propagation, ER902



$d4\sigma$  Divergence  $\approx 7$  mRad