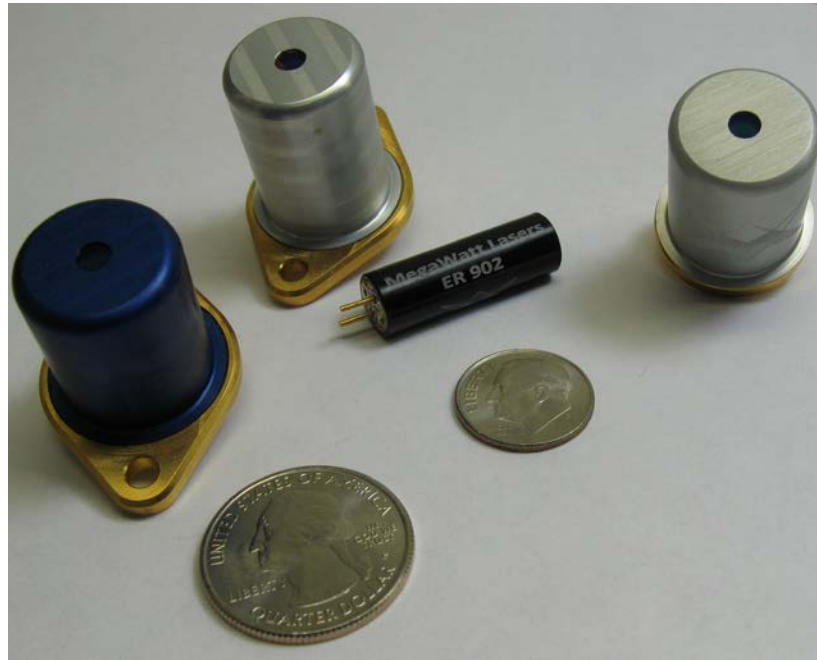




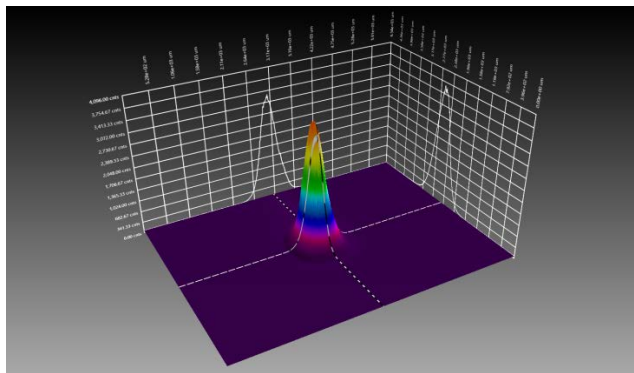
75 kW peak power **Er GLASS MIRCOLASER**
Miniature Solid-State Laser @ 1.54μm



Diode-Pumped, Passively Q-Switched

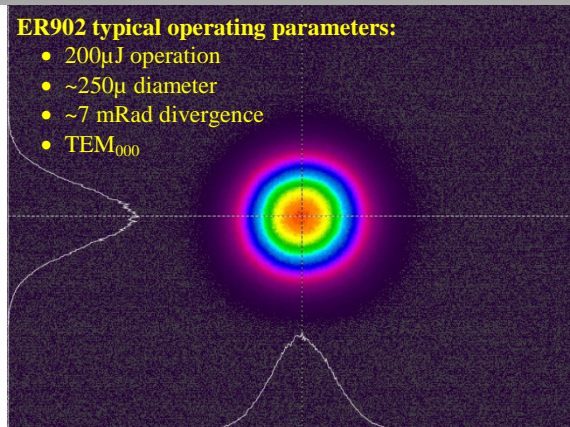
Product	ER75*	ER100	ER150*	ER200	ER300*	ER902	ER903*
Nominal Pulse Energy	75μJ	100μJ	150μJ	200μJ	300μJ	200μJ	300μJ
Pulse Width (FWHM)	< 2nS	< 2nS	≤ 4nS	≤ 4nS	≤ 4nS	≤ 4nS	≤ 4nS
Repetition Rate	<ul style="list-style-type: none"> • Single Shot to 10Hz • burst mode* 						
Life	> 5 X 10 ⁶ shots						
Operational Temperature	-40 – 65°C						
Beam Quality	<ul style="list-style-type: none"> • M² ≤ 1.3 • TEM₀₀₀ 						
Power Requirements	≤ 5A, ~2V	≤ 5A, ~2V	≤ 6A, ~2V	≤ 6A, ~2V	≤ 6A, ~2V	≤ 6A, ~2V	≤ 6A, ~2V
Build-up time	0.5-8 mS (2.0 typical)						
Standby Power	Not required, no warm-up time						

* Available upon request



ER902 typical operating parameters:

- 200 μ J operation
- ~250 μ diameter
- ~7 mRad divergence
- TEM₀₀₀



Single Shot

Burst mode available

