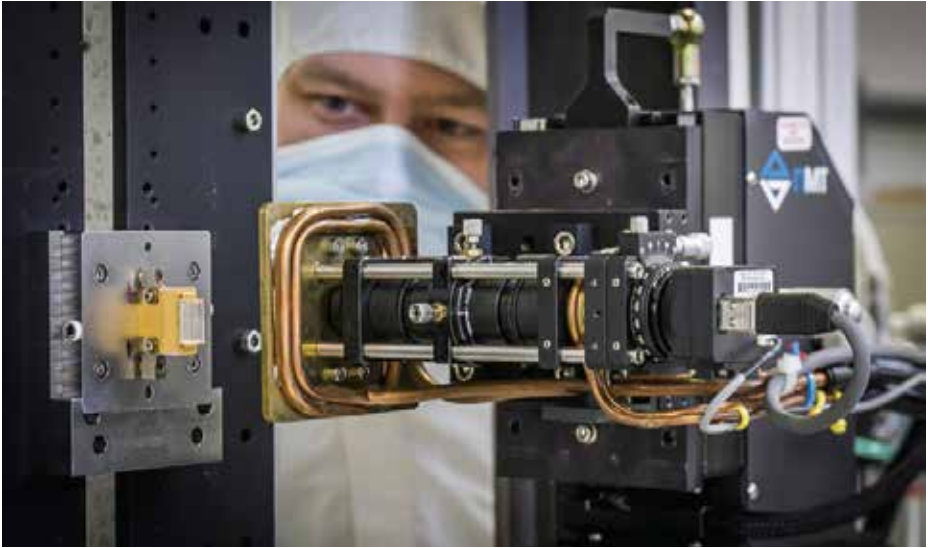


ADVANCED OPTICS



Lasertel's beam shaping and conditioning technologies combine our state-of-the-art laser diode arrays with advanced beam conditioning optics. These highly customized optical systems are manufactured at Lasertel's facility and allow for limitless power options, beam sizes and beam shapes for a wide variety of applications.

KEY FEATURES:

Beam Shaping:

- Fast-axis beam collimation with bar to bar pitch < 1mm
- Slow-axis collimation
- Line, rectangle, circle...
- Fiber coupling

Beam Conditioning:

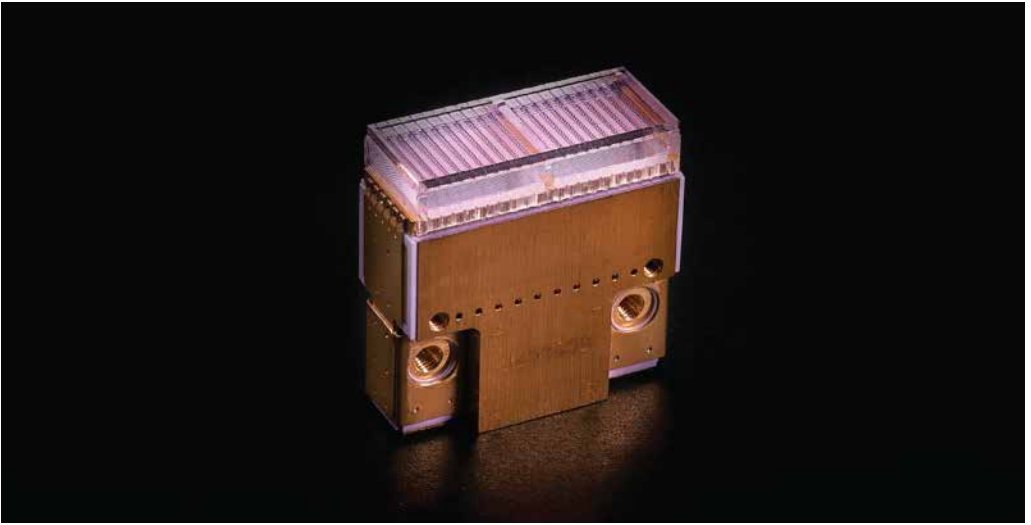
- Homogenization
 - Smile elimination
 - Wavelength stabilization
 - Side lobe suppression
-



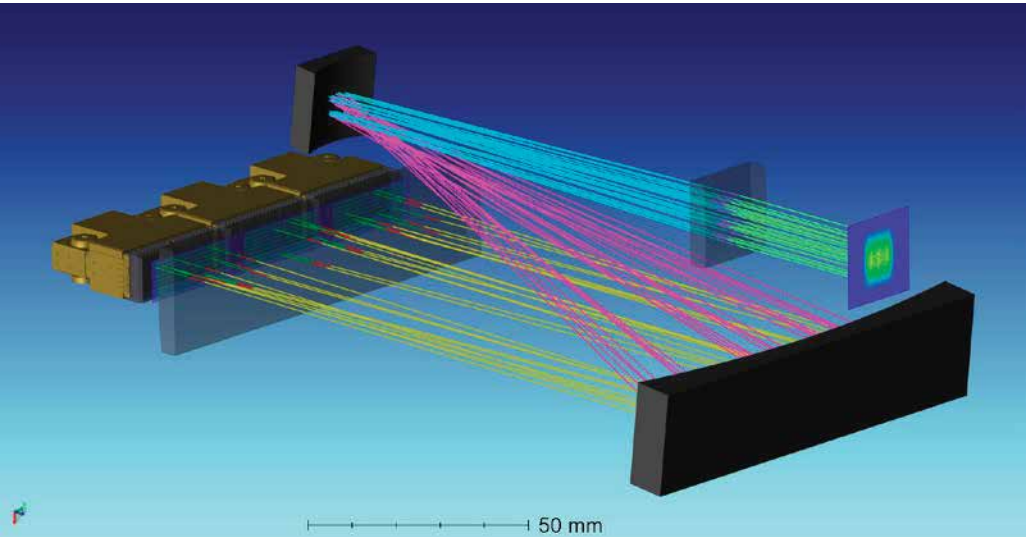
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YOUR LASER STARTS HERE

Lasertel laser diodes are manufactured in our US-based ISO 9001:2015, ISO 13485:2016 and AS9100C certified facility.



T6 laser diode with fast and slow axis collimating micro-optics and advanced beam shaping optic.



System-level optical modeling with advance beam shaping and conditioning.

Patent Numbers: US 7,660,335 | US 7,864,825 | US 6,352,873 | US 6,295,307

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