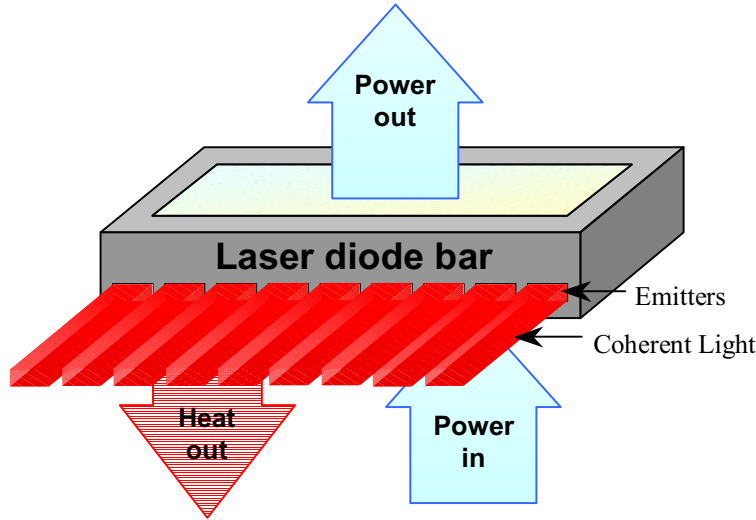


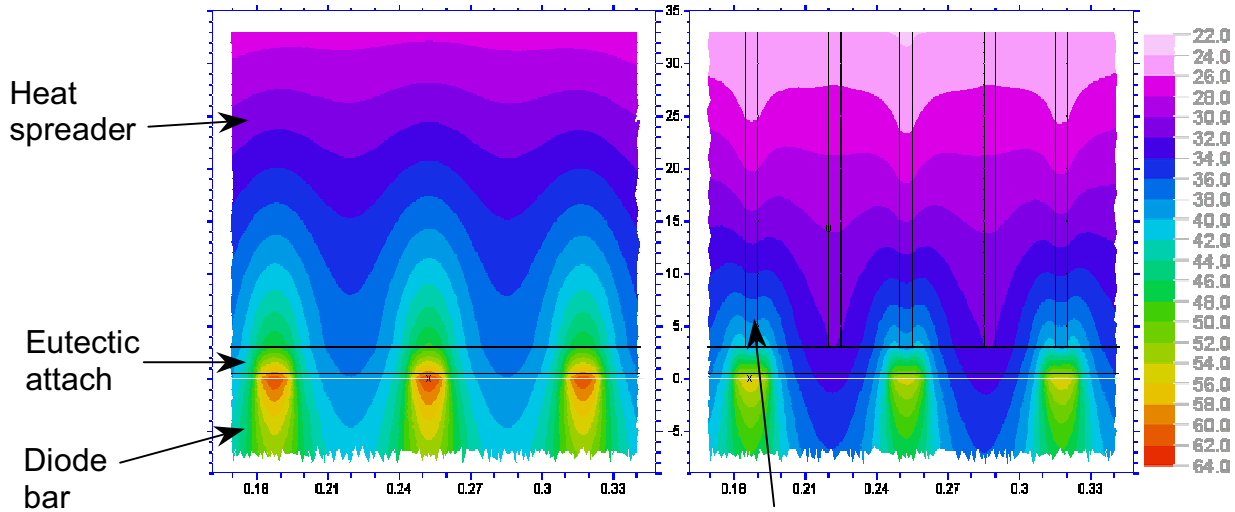
Polarra™ Heat Spreaders for Laser Diode Bars



8°C (~14°F) reduction

Diode with Cu-Mo heat spreader

Diode with Polara heat spreader



Polara heat spreader with Thermal Raceways added above emitters

Polara heat spreaders provide:

- Effective management of diode thermal densities $> 1\text{Kw/cm}^2$
- CTE matching GaAs
- 20% the cost of diamond heat spreaders