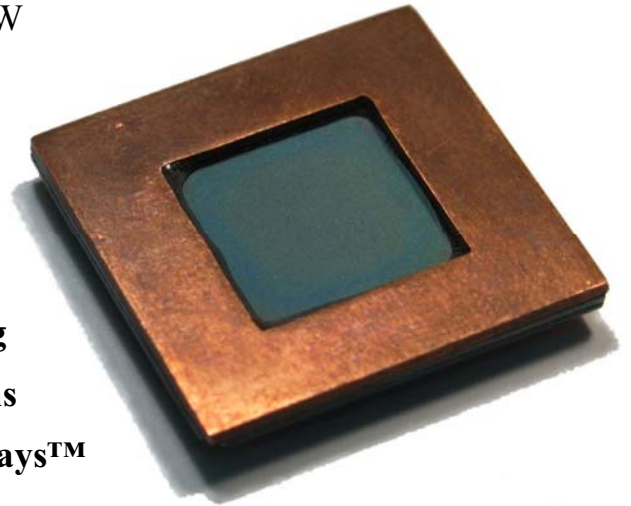


# Polara

*Superior Heat Spreader Technology*

Enerdyne Solutions Polara™ is a revolutionary advance in ambient cooling. No other cooling technology available today offers Polara's unique combination of benefits:

- Less than **1/3 the cost** of AlSiC, Cu-Mo and Cu-W composite spreaders
- **CTE matching** Silicon or Gallium Arsenide (GaAs) allowing direct eutectic attach
- **Hot spot mitigation** performance equivalent to diamond composite heat spreaders
- Electrical isolation, grounding and EMI **shielding**
- Discrete, package or die-level **integration options**
- **Anisotropic** heat transfer using **Thermal Raceways™** for maximum cooling efficiency
- **Smart Spreading™** with passive thermal conduction and active heat pumping
- Built and deployed using **standard manufacturing and assembly** processes.



## How cool is that? Let us show you.

Ready to take the first step in achieving the high-performance yet low-cost thermal solution that you've been looking for? Our staff will work directly with your thermal scientists and packaging engineers, modeling the performance gains your application can achieve with Polara. We use modeling results to craft samples to your precise specifications so you can see in your own lab how much Polara can do for you.

**Contact us. We'll make whatever you have cooler.**



**ENERDYNE**  
S O L U T I O N S

**425-888-1880**

**[www.enerdynesolutions.com](http://www.enerdynesolutions.com)**

125 W. North Bend Way, P.O. Box 2660  
North Bend, WA. USA 98045-2660