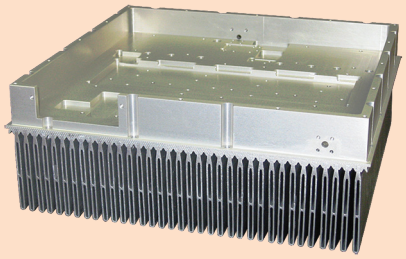
Air Cooled Integrated Heatsink Modules

A consolidated approach for maximum cooling

Typically power modules and amplifiers are attached to an air cooled heatsink with a multitude of screws together with some form of TIM. The high thermal barrier at the interface can be eliminated by swaging a multitude of fins into a thick base plate and then machining the module features and requirements into the base plate.

Performance can be modeled within R-Tools.



Features/Benefits:

- All that apply to Fabfin®
- Thick baseplate is hogged out
- Detailed internal machining

Highlights:

- Eliminates interface between power supply and heatsink

Applications:

- Microwave
- Military

Performance:

- Can be modeled on R-Tools