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## OPHIR<sub>RF</sub> AMPLIFIER MODEL OPTIONS for MODULES

OPHIR RF high power modules and module assemblies can be purchased as follows:

- Module only
- Module with heatsink
- Module with heatsink and fans

Modules require adequate **heatsink** and **fans** for performance and protection. OPHIR<sub>RF</sub> offers the option of mounting the amplifier module on a **heatsink** with or without **fans** prior to shipment. Without proper cooling (which includes proper placement of **fans** for cooling across the **heatsink** fins) the module will suffer component damage due to excessive heat. Mounted with proper **heatsink** and **fan assembly**, the amplifier modules will perform continuously over the specified bandwidth.

When installing a module on *a customer provided heatsink*, a thin layer of Wakefield Thermal Compound P/N: 120-8, or similar, should be properly applied to the bottom of the module/ heat-sink mounting interface. The customer's heatsink should be designed with a proper surface flatness, adequate heat absorption and heat transfer specifications associated with the provided airflow.

All OPHIR RF modules have tightly controlled surface finishes providing superior heat transfer. Heatsinks and fans are specially designed for adequate cooling.

Part numbers and pricing for the heatsink and heatsink/fan assembly are shown on quotations:

A heatsink (module mounted on top of heatsink only) is available for an additional \$100. Please specify by ordering "590" instead of "530" for the part number. Example 5903038.

Heatsink and Fans (module mounted on top of heatsink/fans assembly) is available for an additional \$200. Please specify by ordering "580" instead of "530" for the part number. Example 5803069.