

### Key Features

- DC Blower speed 4800 RPM
- Power supply 12V
- Thermal dissipation up to 20W
- Weight: 600g
- Operating temp.: -10°C to 70°C
- Storage temp.: -40°C to 70°C
- Footprint: 187x114mm<sup>2</sup>
- Height: 37 mm

The CYBEL VORTEX is a forced air heat sink for the OEM Mako series, either amplifiers and lasers. It is designed for tabletop applications. VORTEX heat sink uses an air forced design that stabilizes the operating temperature of the Mako with capacity to dissipate power up to 20 W.

The model consists of a heat sink, air unit, and power supply. The heat sink is made up of aluminum alloy ( AL6063-T5 ) and has a straight fin-type structure. All the surfaces of the heat sink are black anodized except the top surface where the Mako is mounted. It has a detectable power supply and the blower can be switched on or off by the user through a switch located on the air unit.

### Heat Sinks Series

Also other heat sinks available for

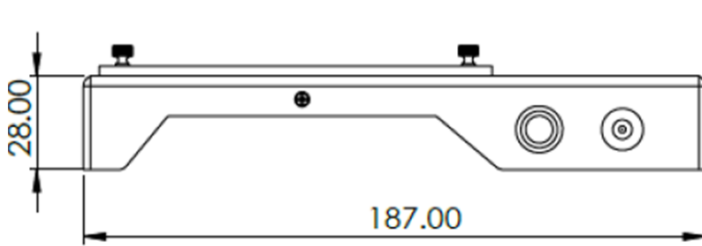
OEM Mako and Skyline

- ◆ IKARUS-forced air
- ◆ POLAR-cold plate
- ◆ GLOW Heat sink
- ◆ Radiant Heat sink

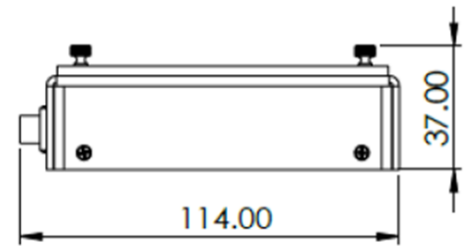


### VORTEX Forced Air Heat Sink for Mako Amp

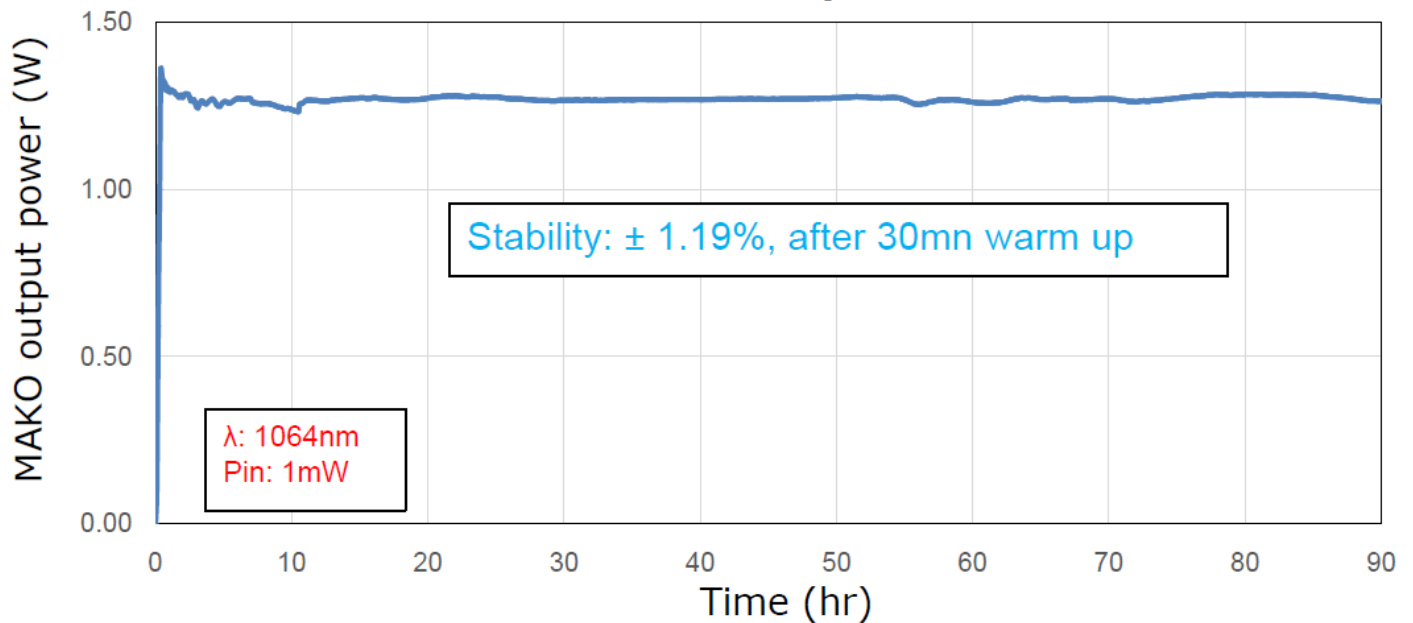
# Mechanical dimensions of VORTEX



Side View



Back View



## Mako Amp 1064nm Power Stability vs. Time

### CUSTOMIZATION

The VORTEX is a heat sink platform that can be customized to match Customers' specific requirements. Please contact Cybel.

**COMPLIANCE with Regulatory Requirements:** These OEM products are Class 4 lasers as designated by the Center for Device and Radiology Health (CDRH). As such they are intended only in integration into other equipment and do not comply with CDRH requirement. It is the customer responsibility for CDRH certification of the full system that incorporates this industrial laser.



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