



OE4330

HI-Q® 3μm LASER

OEwaves' HI-Q® laser delivers sub-10 Hz Lorentzian linewidth and ultra-low phase/frequency noise at 3 microns, all within a compact, high-performance design. Powered by a proprietary driver/controller and high-Q Whispering Gallery Mode (WGM) micro-resonator, it's available at a range of wavelengths around 3000 nm for precision mid-IR applications.

Specifications

Wavelength: 3000 nm

Spectral linewidth: < 10 Hz

Output power: 1 – 2 mW

Thermal tuning range: 10 GHz (Mode hop free)

Monitor / control interface: USB