

OE4162

HI-Q® NEAR IR LASER

Delivering sub-10 Hz Lorentzian linewidth and ultra-low phase/frequency noise, the OEwaves HI-Q® laser offers high-performance stability in a sleek, compact form. Powered by a high-Q Whispering Gallery Mode (WGM) micro-resonator and proprietary driver/controller, it's available in wavelengths from 1290 nm to 1350 nm.



Specifications

Wavelength range: 1290 nm – 1370 nm

Common wavelengths: 1230 nm, 1280 nm

Spectral linewidth: < 10 Hz

Output power: 1 mW - 10 mW

Thermal tuning range: 10 GHz (Mode hop free)

Monitor / control interface: USB