

OE4160



HI-Q® NEAR-IR LASER

Experience precision at its finest with the OEwaves HI-Q® laser, offering a sub-10 Hz Lorentzian linewidth and ultra-low phase/frequency noise in a compact design. Built on a high-Q Whispering Gallery Mode (WGM) micro-resonator and proprietary driver/controller, it's available across wavelengths from 1230 nm to 1290 nm.

Specifications

Wavelength range: 1230 nm – 1290 nm

Common wavelengths: 1230 nm, 1280 nm

Spectral linewidth: < 10 Hz

Output power: 5 mW - 10 mW

Thermal tuning range: 10 GHz (Mode hop free)

Monitor / control interface: USB