

OE4125

HI-Q® 1-MICRON LASER

Boost fidelity in quantum applications with the OEwaves HI-Q® 1-micron laser, delivering a sub-10 Hz Lorentzian linewidth and ultra-low phase/frequency noise in a compact form factor. Powered by a proprietary driver and high-Q Whispering Gallery Mode (WGM) micro-resonator, it offers exceptional stability across wavelengths from 1012 nm to 1014 nm.



Specifications

Wavelength range: 1012 nm – 1014 nm

Common wavelengths: 1012 nm, 1013 nm

Spectral linewidth: < 10 Hz

Thermal tuning range: 10 GHz (Mode hop free)

Monitor / control interface : USB

Output power: 1 mW – 5 mW