



OE4180

HI-Q® SUB-2μm LASER

OEwaves' HI-Q® laser delivers sub-10 Hz Lorentzian linewidth and ultra-low phase/frequency noise in a compact, robust design, ideal for demanding applications in the 1800 nm to 1900 nm range. Powered by a proprietary driver and high-Q Whispering Gallery Mode (WGM) micro-resonator, it offers precision and stability across a variety of wavelengths.

Specifications

Wavelength: 1800 nm – 1900 nm

Spectral linewidth: < 10 Hz

Output power: 1 mW - 2 mW

Thermal tuning range: 10 GHz (Mode hop free)

Monitor / control interface: USB