



OE4044

HI-Q® UV LASER

Optimized for quantum state preparation through stability and noise performance, the OE4044 laser is available at a variety of wavelengths from 400 nm to 434 nm, including the critical 420 nm wavelength for Rb Rydberg excitations.

Specifications

Wavelength: 400 nm – 434 nm

Spectral linewidth: Sub-Hz to 10 Hz

Thermal tuning range: ≤ 10 GHz (Mode hop free)

Monitor / control interface: USB

Integrated driver/controller