



OE4175

HI-Q® 1.7μm LASER

OEwaves' compact laser delivers sub-10 Hz Lorentzian linewidth and ultra-low phase/frequency noise from 1700 nm to 1800 nm—ideal for precision barium ion applications. Designed for stability and ease, it features integrated -80 dB RAM to address the 6S to 5D transition with unparalleled noise performance.

Specifications

Wavelength: 1700 nm – 1800 nm

Example Wavelength: 1762.17 nm

Spectral linewidth: < 10 Hz

Output power: 1 mW – 2 mW

Thermal tuning range: 10 GHz (Mode hop free)

Monitor / control interface: USB