

OE4170



HI-Q® S-BAND LASER

The OEwaves HI-Q® laser offers ultra-narrow <10 Hz Lorentzian linewidth and exceptionally low phase/frequency noise in a compact design—ideal for high-precision S-band applications. Powered by a proprietary driver and high-Q Whispering Gallery Mode (WGM) micro-resonator, it's available across wavelengths from 1500 nm to 1530 nm.

Specifications

Wavelength: 1565 nm – 1590 nm

Spectral linewidth: < 10 Hz

Output power: 5 mW - 10 mW

Thermal tuning range: 10 GHz