

1450nm wavelength single-mode fiber-coupled laser

CW & PUMP LASERS



The 1450 nm-band semiconductor laser source output by single-mode fiber uses a high-performance butterfly semiconductor laser, and uses professionally designed driving and temperature control circuit control to ensure the safe and stable operation of the laser. Available in benchtop or modular packages.

Specifications

Parameter	Specification
Operating wavelength (nm)	1425/1435/1455/1465
Wavelength accuracy (nm)	±3
Working mode	CW
Output power (mW)	200/350/500
Short-term stability (15 minutes) (dB)	≤ ±0.02
Long-term stability (8 hours) (dB)	≤ ±0.05
Pigtail type	SMF-28/PM1550
Fiber pigtail joint type	FC/APC

* operating wavelength: optional

* wavelength accuracy: FBG wave locking

* working mode: continuous light

* Output power: customizable

* short-term stability (15 minutes): equivalent $\leq \pm 0.5\%$

* long-term stability (8 hours): equivalent $\leq \pm 1.2\%$

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.