

1480nm single-mode fiber-coupled laser

CW & PUMP LASERS



The 1480nm wavelength laser uses a high-performance semiconductor laser chip, and the professionally designed driving and temperature control circuit control ensures the safe operation of the laser and stable output power and spectrum. Suitable as a pump laser source for fiber lasers or EDFA fiber amplifiers, and can be provided in benchtop or modular packaging.

Specifications

Parameter	Specification
Operating wavelength (nm)	1480±10
Working mode	CW
Output power (mW)	200/400/500/800
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

* working mode: continuous light

* 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.