

# 1550nm single-mode fiber-coupled laser (10~500mW)

## CW & PUMP LASERS



The 1550-nm-band single-wavelength laser (low power) uses a high-stability semiconductor laser chip with single-mode fiber output. The professionally designed driving and temperature control circuit control ensures the safe and stable operation of the laser. It can be provided in desktop or modular packaging.

### Specifications

Parameter	Specification
Operating wavelength (nm)	1550±0.5
Spectral linewidth (MHz)	≤ 3
Side mode rejection ratio (dB)	>50
Working mode	CW
Output power (mW)	10/20/50/100/ 200/400/500
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: 1540~1565nm customizable
- \* spectral linewidth: ≤ 1MHz optional
- \* 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](mailto:sales@wavequanta.com).