

1310nm wavelength single-mode fiber-coupled laser

CW & PUMP LASERS



The 1310nm single-wavelength laser light source uses a DFB 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. Desktop or modular packaging can be provided.

Specifications

| Parameter | Specification |
|--|---------------|
| Operating wavelength (nm) | 1310± 2 |
| Spectral linewidth (MHz) | ≤ 3 |
| Side mode rejection ratio (dB) | >50 |
| Working mode | CW |
| Output power (mW) | 5/10/20/50 |
| Short-term stability (15 minutes) (dB) | ≤ ±0.02 |
| Long-term stability (8 hours) (dB) | ≤ ±0.05 |
| Pigtail type | SMF-28/PM1310 |
| Fiber pigtail joint type | FC/APC |

* operating wavelength: customizable

* 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.