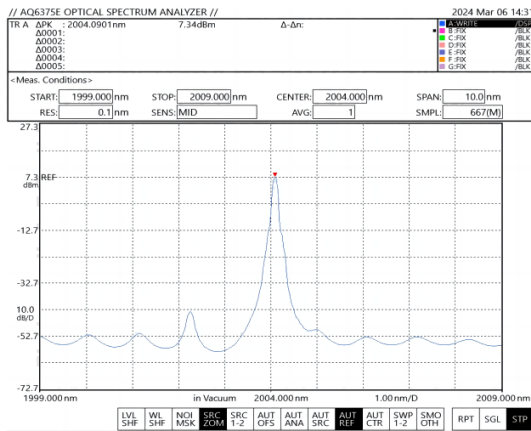


2000nm wavelength single-mode fiber-coupled laser

CW & PUMP LASERS



The 2000nm single-wavelength laser uses a high-performance butterfly-shaped semiconductor laser chip. The professionally designed driving and temperature control circuit control ensures the safe operation of the laser and stable output power and spectrum. Can be used as a seed light source for thulium-doped fiber lasers or fiber amplifiers, available in benchtop or modular packaging.

Specifications

Parameter	Specification
Operating wavelength (nm)	2000
Wavelength accuracy (nm)	± 5
Spectral linewidth (nm)	< 0.1
Side mode rejection ratio (dB)	≥ 50
Working mode	CW
Output power (dBm)	7/20/30/33/37/40
Short-term stability (15 minutes) (dB)	≤ ±0.02
Long-term stability (8 hours) (dB)	≤ ±0.05
Polarization state	linear polarization
Pigtail Types	PM1950
Pigtail joint type	FC/APC (Slow axis alignment)

- * working mode: continuous light
- * Output power: *33~40dBm only available on desktop
- * short-term stability (15 minutes): equivalent $\leq \pm 0.5\%$
- * long-term stability (8 hours): equivalent $\leq \pm 1.2\%$
- * pigtail joint type: * Connectors are used for power testing

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