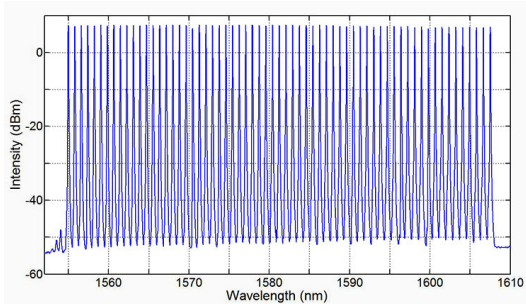


# L-band wavelength-tunable fiber laser

## CW & PUMP LASERS



The wavelength tuning range of this light source covers the L band, achieving continuous laser output of up to 64 wavelengths (ITU-T standard wavelength, wavelength interval of 100GHz). It integrates a tunable filter and a high-gain chip, and has the characteristics of high output optical power, narrow line width, and high wavelength accuracy. Equipped with a dedicated drive control circuit, high-definition color LCD screen, and optional host computer software, users can easily tune the wavelength accurately. It can be used in DWDM system research and development, fiber laser, fiber link, optical testing and other fields.

## Specifications

Parameter	Specification
Wavelength tuning range (nm)	1554.94~1607.46
Frequency tuning range (THz)	192.8~186.5
Pass tract septum (GHz)	100
Side mode suppression ratio (dB)	>50
Number of wavelength channels	64
Output optical power (mW)	10/100
Short-term stability (15 minutes) (dB)	≤ 0.02
Long-term stability (8 hours) (dB)	≤ 0.05
Polarization state	linear polarization
Pigtail Types	PM1550
Pigtail joint type	FC/APC (Slow axis alignment)

\* wavelength tuning range: ITU Standards C28~ L65

\* Pass tract septum: equivalent to 0.8nm

\* short-term stability (15 minutes): Single wavelength full temperature

\* long-term stability (8 hours): Single wavelength full temperature

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