

2000nm Narrow Linewidth Fiber Laser - Ultraline 2000

Ultraline 2000 is a 2um CW fiber laser with MHz level narrow line width. It features high reliability and high output power up to Watt-level. Ultraline2000 is widely used in MIR laser generation, spectroscopy analysis, non-linear optics and other research areas.

The laser can be used with TDFA HP to generate 10-W output power.



Key Features :

- Fast wavelength sweep
- Very narrow spectral linewidth
- Excellent power stability
- Single mode fiber delivery

Applications :

- Laser radar
- Environmental monitoring
- Molecular detection
- Laser frequency conversion

» Main Specification:

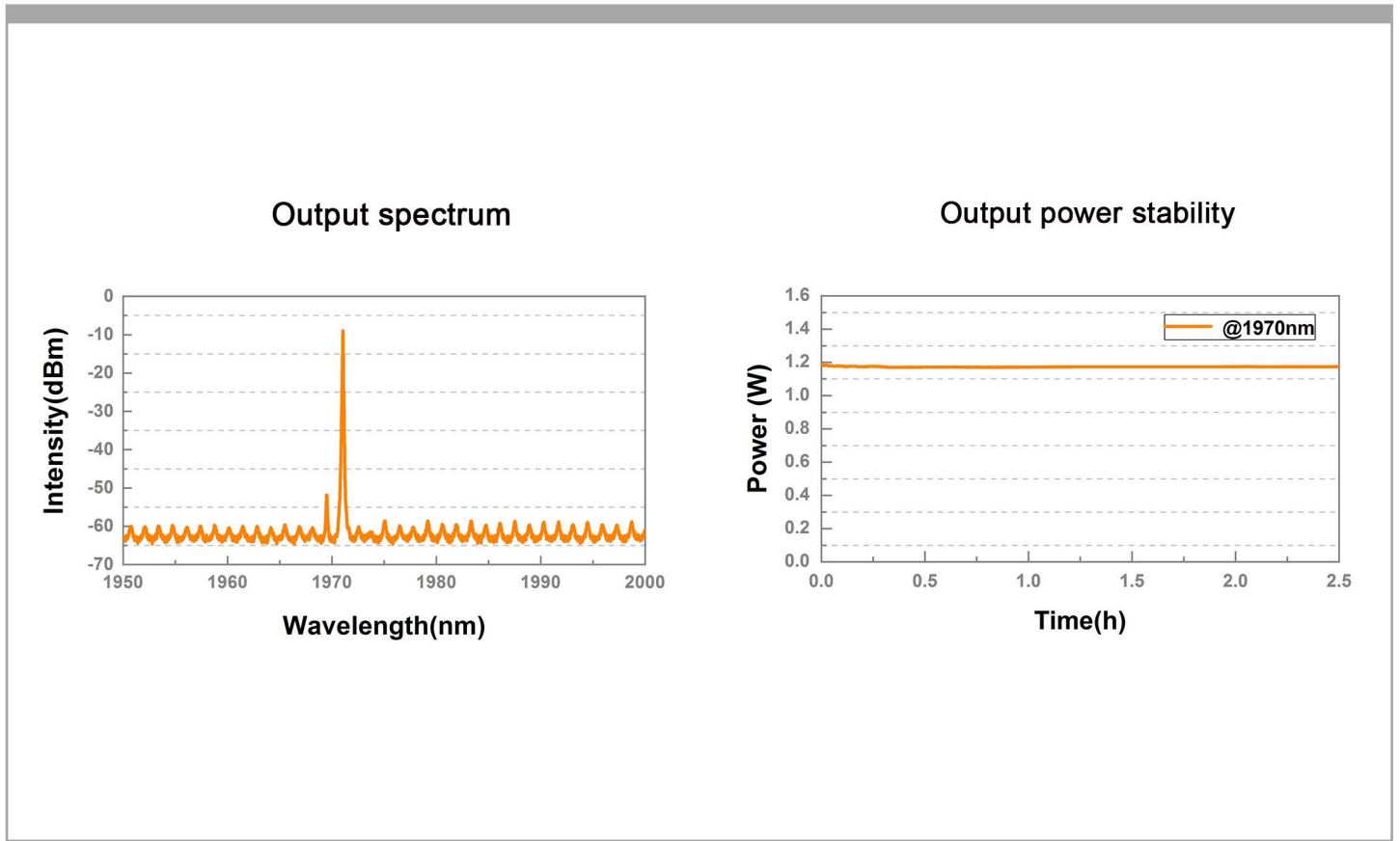
Laser Parameters

Operating Wavelength	nm	1900-2100
Spectral Bandwidth	MHz	~2
Average Power	mW/W	100,1
Average Power Stability	% RMS	<1 (12h@25°C)
Beam Quality		m ² <1.1
Output Type		SM2000 Fiber , FC/PC Connector

Electrical, Environmental and Mechanical Parameters

Supply Voltage	VAC	100-240 (50Hz/60Hz)
Operational Temperature Range	°C	15~35
Operational Humidity Range	%	20~80 (Non-condensing)
Storage Temperature Range	°C	-20~+50
Storage Humidity Range	%	20~80 (Non-condensing)
Weight Laser Head	kg	6.1
Dimensions Laser Head	mm(L×W×H)	369×260×104
Cooling		Air-cooled

Test Data :



Machine Drawing

