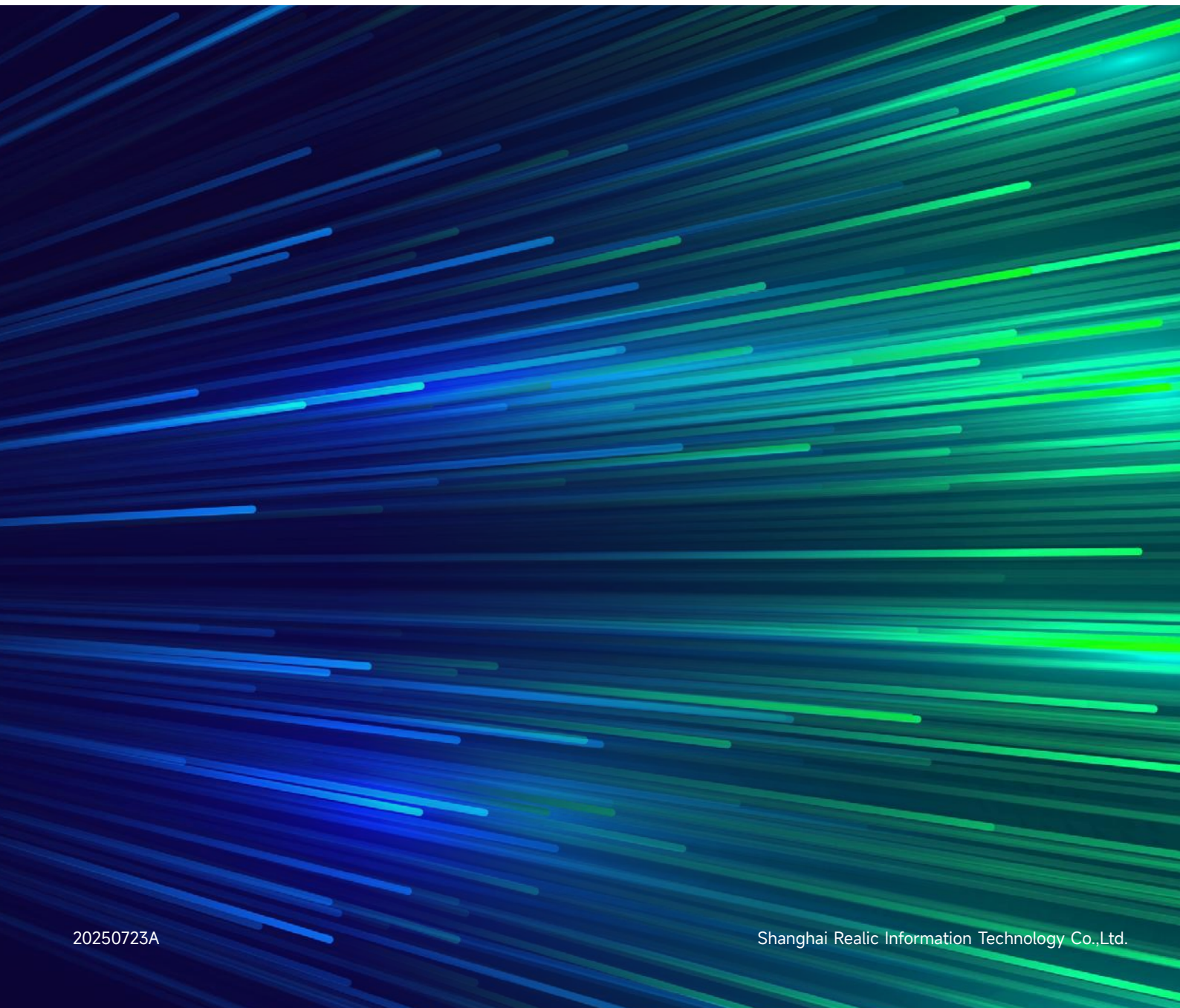


1550nm

Narrow-linewidth Continuous-wavelength Laser

Type: PhaseOptics-1550-02000-L-PM



1550nm Narrow-linewidth Continuous-wavelength Laser

PhaseOptics-1550-02000-L-PM

The PhaseOptics-1550-02000-L-PM Laser provides eye-safe Linearly Polarized Narrow-linewidth Laser Rays with 10kHz linewidth and maximum power up to 2W.

Characteristics and Application Fields

Characteristics

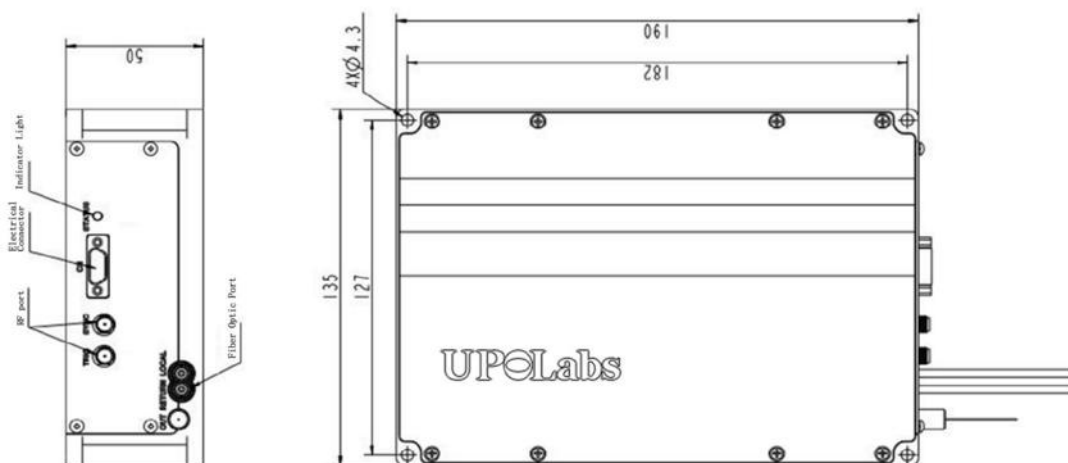
- Small Volume
- wide-temperature operation

Application Fields

- Atmospheric Sensing
- Fiber Optic Sensing



Structural Dimensions



Parameter	
Type	PhaseOptics-1550-02000-L-PM
Wavelength (nm)	1550±2
linewidth of Seed Source (kHz)	≤10
Output Power (W)	≥1(Customized available for 2W)
Power Stability (RMS/2h)	≤1%
Polarization (dB)	≥17
Power Consumption (W)	≤30@1W output
Communication Interface	DB9/RS232
Output Fiber (Length) (m)	≤1
Supply Voltage (V)	DC 24
Dimensions (W) x (D) x (H) (mm)	190×135×50 (1W Laser)
Weight (kg)	≤1.5
Operating Temperature (°C)	-30~65
Storage Temperature (°C)	-40~85

Test Data

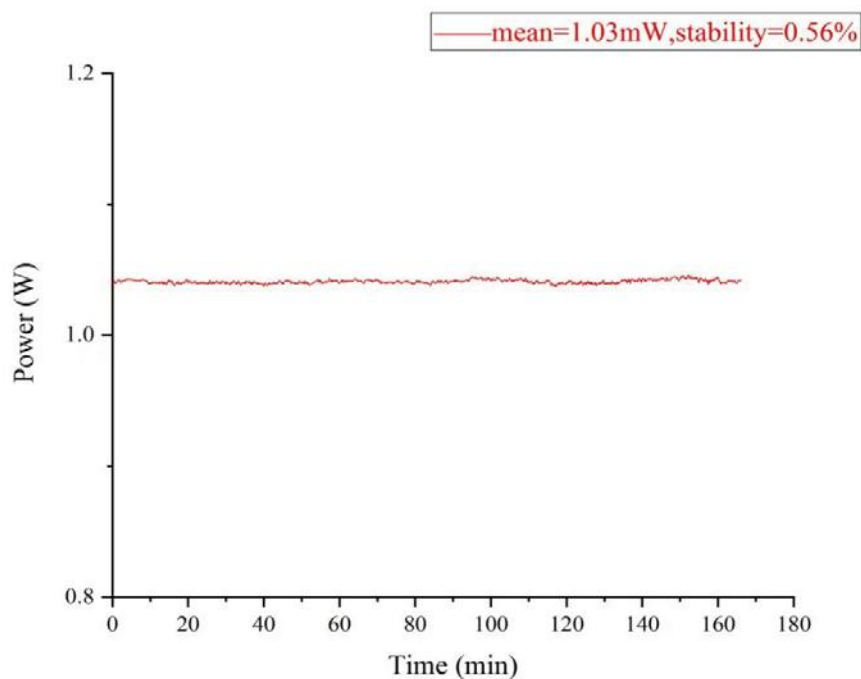


Photo 1-1 Power Testing

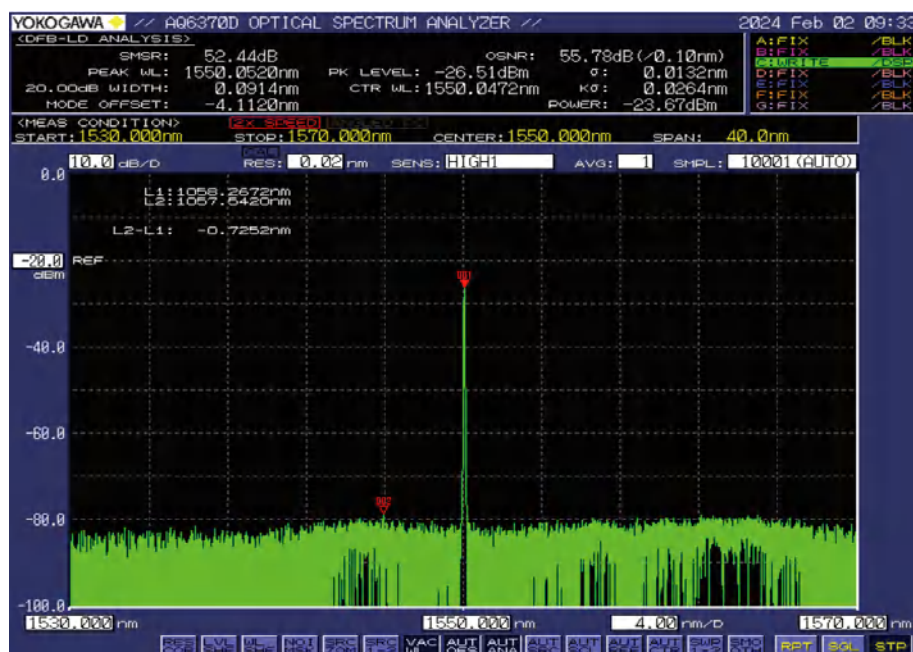


Photo 1-2 Optical Spectral Testing

