



Narrow Linewidth Ytterbium-Doped Fiber DFB Seed Laser

Precilasers' narrow-linewidth Ytterbium-doped fiber DFB laser is realized by writing fiber gratings on Ytterbium-doped fiber. It can achieve any wavelength in the range of 1014-1156nm with a linewidth of only 3kHz/10kHz.

Features

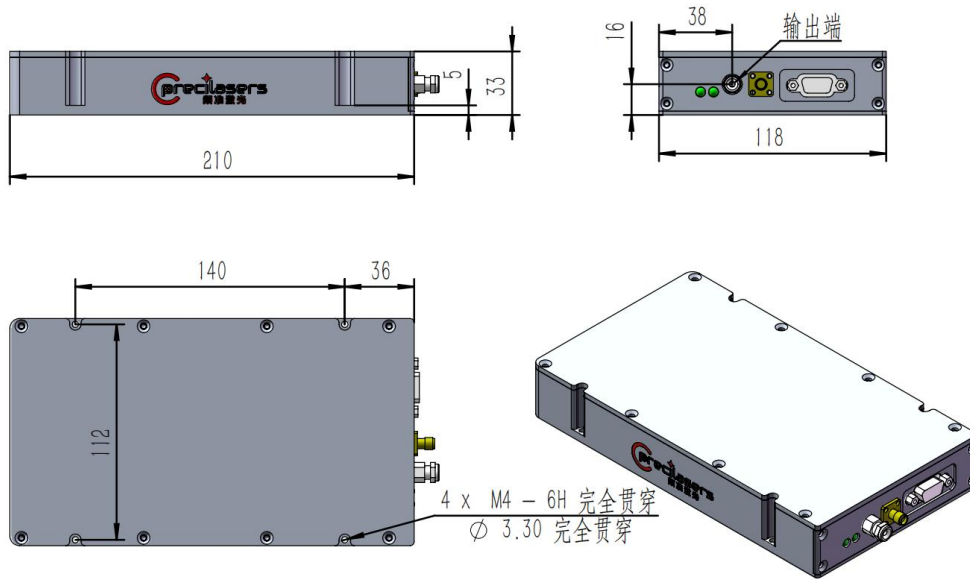
- Narrow Line Width
- Tunable
- Never Mode-hop
- Linear Polarization
- Continuous Laser

Application

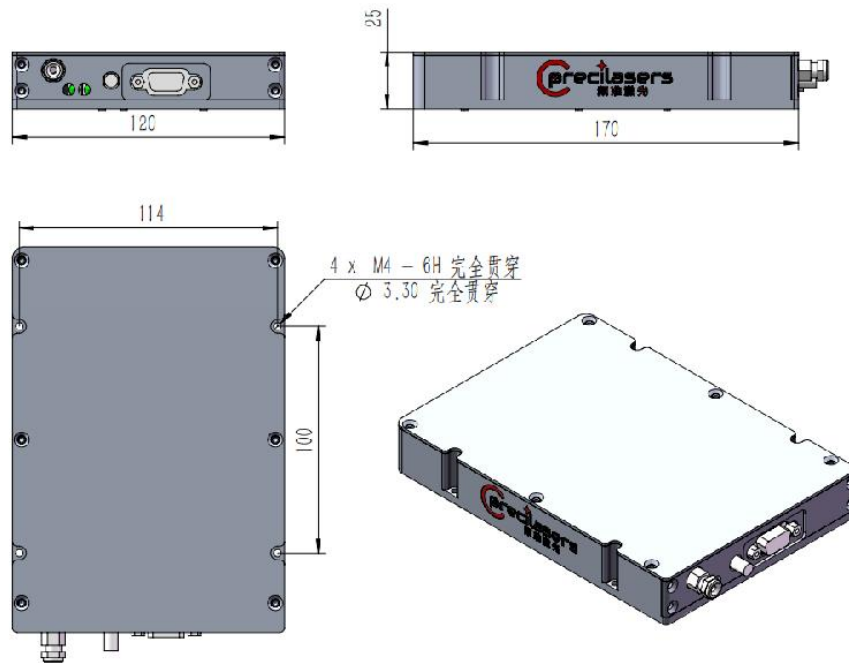
- Quantum Computing
- Quantum Precision Measurement
- Optical Precision Measurement



❖ Product Dimensions

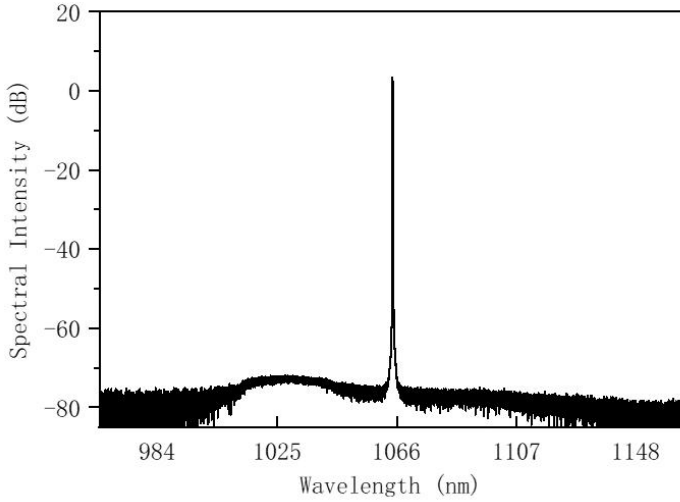


Standard product dimensions (default dimensions)

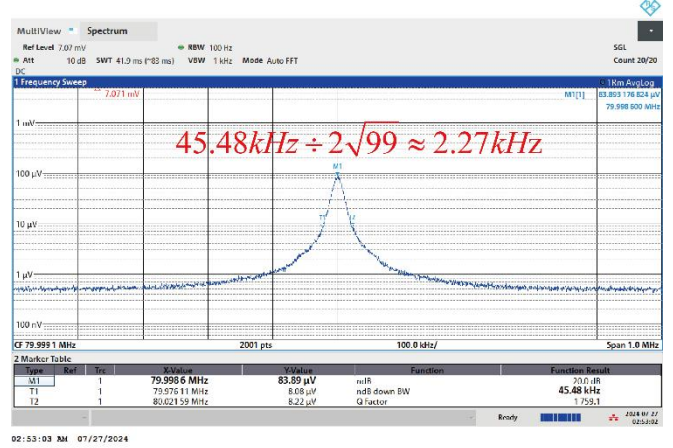


Small product dimensions

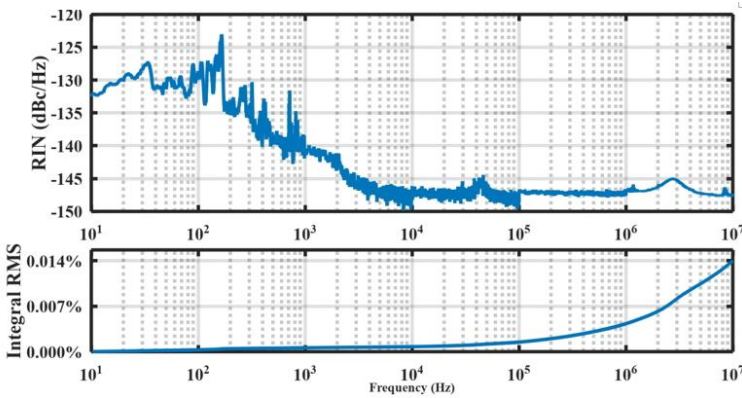
❖ Performance (typical value)



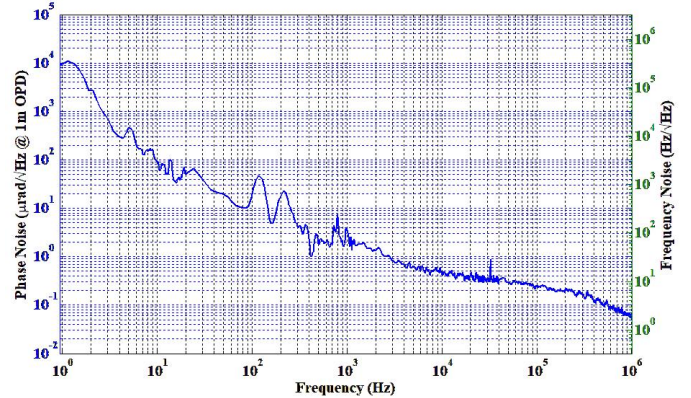
Output spectrum: Signal-to-Noise Ratio 79dB



Line width test chart: 2.27kHz



Relative intensity noise test (RIN) :0.014%[10Hz-10MHz]




Phase noise, frequency noise test chart



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⚠ Laser Hazard

Visible or invisible laser radiation, avoid eye or skin exposure to direct, reflected or filtered radiation.
CLASS 4 Laser Products