Fiber Light Tuning Technology

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Features:

- Tunable FBG as tuning element.
- All-fiber connections, compact and robust.
- Large tuning range.
- High optical S/N ratio, low noise.
- Tunable FBG, ASE source output ports.

Specifications:

Typical Tuning Range:
>25 nm up to 50 nm

Tunable Fiber Laser:

—Tunable wavelength; —Fiber ASE source; —and Tunable fiber Bragg grating

Fiber lasers are based on our patented* innovative tunable fiber Bragg grating (FBG) technology.

Tunable lasers have "all-fiber" connections inside and have low loss laser cavity, low noise, and high optical S/N ratio (>75dB). The laser system has output ports of tunable laser, ASE source and tunable FBG.

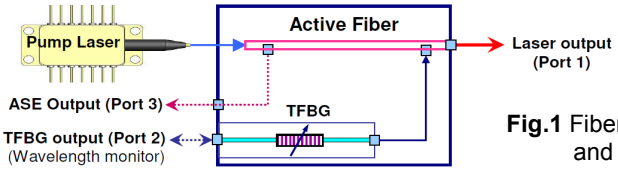

Fig.1 Fiber laser configuration and system

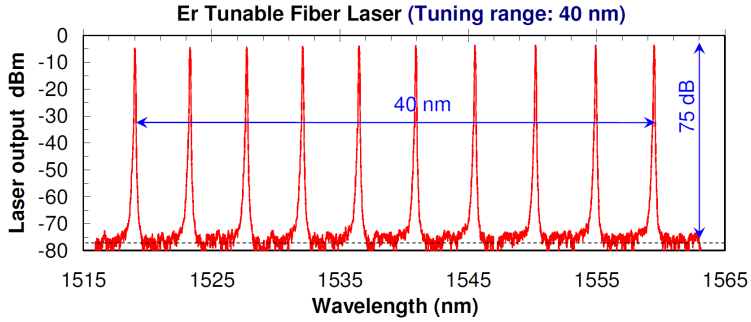

Fig.2 Example of tuning spectra from tunable fiber lasers.

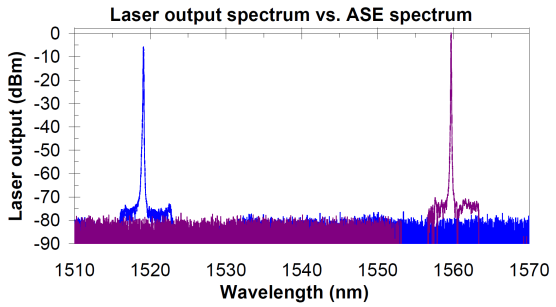

Fig.3 The Laser output with no-ASE-background.

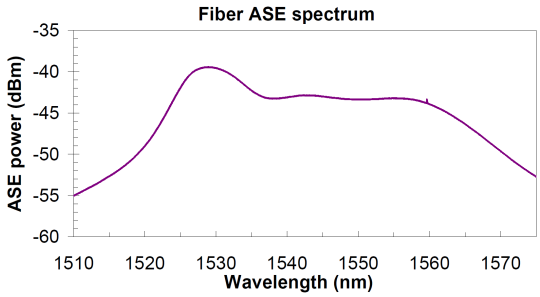

Fig.4 Fiber ASE source spectrum.

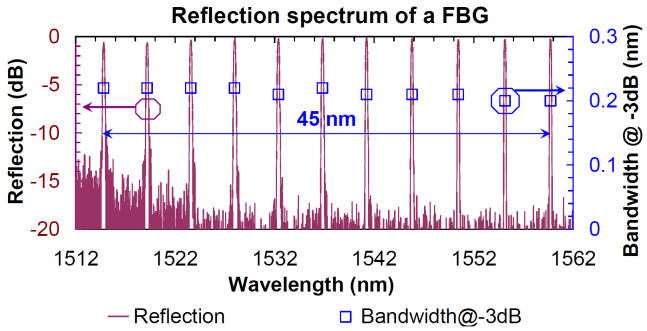

Fig.5 Spectra of tuning fiber Bragg grating.

Contact us:
For your custom wavelength, please contact us: ***info@fltphotonics.com***