

You're receiving this email because of your relationship with Calmar Laser, Inc.. Please [confirm](#) your continued interest in receiving email from us.

You may [unsubscribe](#) if you no longer wish to receive our emails.



Newsletter

March 2010



40 GHz Picosecond Fiber Laser [PSL-40](#)

Repetition Rate: 38 ~ 42 GHz continuously tunable;
Wavelength: 780 nm, 1.0 μm , C- and L-band continuously tunable in the band;
Pulse Width: <1.2 ps;
Timing Jitter: < 50 fs;
Output Power: >20 mW;
Automatic Mode Locking Optional.

Live Demonstration

You are sincerely invited to visit us at OFC/NFOEC (Booth #1943, March 23 ~ 25, 2010) in San Diego, California, and to see our ULTRA-FAST, LOW JITTER, CONTINUOUSLY TUNABLE, HIGH POWER FIBER LASER products.

- 160 GHz picosecond fiber laser OTDR system consisting of Calmar 40 GHz fiber laser source [PSL-40](#), bit rate multiplier [BRM-T4](#) and EXFO 500 GHz bandwidth optical sampling scope PSO-102;
- 780 nm 50 mW femtosecond fiber laser [FPL-03R](#);
- 1.0 μm femtosecond fiber laser OEM module [FPL-01U](#).

Product Showcasing



780nm Femtosecond Fiber Laser ([FPL-03R](#))

Repetition Rate: 10 ~ 50 Hz selectable;
Wavelength: ~ 780 nm;
Pulse Width: <0.1 ps;

• Improvements on Picosecond Fiber Laser PSL-10

Our well-known 10 GHz picosecond fiber laser [PSL-10](#) is easy to lock with long term locking stability. Recently we have expanded its mode locking repetition rate range significantly to cover 5 ~ 20 GHz continuously tunable, while maintaining all the other great specifications.

• Femtosecond Fiber Seed Laser OEM Module

Calmar has been delivering hundreds of femtosecond fiber seed laser OEM modules [FPL-M](#) to customers worldwide, including 780, 1.0 μm , C- and L- band lasers. Output power ranges from milliwatt to subwatt. The modules are compact, shock-proof, reliable, and stable with consistent operation from unit to unit.

Bandwidth: ~ 8 nm;
Output Power: 50 mW;
Pulse Energy >1 nJ;
Beam Quality: $M^2 < 1.1$;
Output: Free space or fiber pigtail;
Polarization Extinction Ratio: ~20 dB;
OEM module or bench top system;
Higher output power up to 500 mW available.

- **High Power Ultrashort Pulse Fiber Amplifier**

Wavelength: [C-band or 1.0 \$\mu\$ m band](#);

Average power: up to 5 Watts;

Low chromatic dispersion;

[Low nonlinearity](#);

[Low pulse and spectrum broadening](#);

[Application: Short pulse amplification.](#)

- **Fiber Laser Chirped Pulse Amplifier (FLCPA)**

Calmar is supplying fiber laser chirped pulse amplifier ([FLCPA](#)) with pulse energy up to 20 μ J, pulse width less than 600 fs. Desk top and OEM packages are available.

Contact Info:

Peter Hu (Ph. D), Director of Sales and Marketing

Tel: +1 408.733.7800 ext. 110, Fax: +1 408.733.3800, email: peter.h@calmarlaser.com

[Forward email to a friend!](#)

✉ [SafeUnsubscribe®](#)

This email was sent to william.s@calmarlaser.com by peter.h@calmarlaser.com.

[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Calmar Laser, Inc. | 755 N Pastoria Ave | Sunnyvale | CA | 94085