NEW!!!

Fiber Laser Based Chirped Pulse Amplification System

Calmar's newly developed Fiber Laser Based Chirped Pulse Amplification System (FLCPA) provides a versatile optical source for photonic applications where high pulse energy is required. FPLCPA-02 generates > 3 μJ per pulse energy with pulsewidth less than 0.5 ps.

Features:

- Fiber laser based system
- Light weight and compact
- Maintenance free
- Cost effective

Applications:

- Material processing
- Biomedical imaging and treatment
- Terahertz radiation
- Nonlinearity property study

Distribution in the UK

Lambda photometrics

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The leading supplier of scientific and industrial lasers, optical systems and associated accessories, fibre optic components and instrumentation, and machine vision products.

Technical Specifications

Model Number	FLCPA-01C	FLCPA-02C*	FLCPA-01U	FLCPA-02U*
Pulse width (ps)	0.5			
Central Wavelength (nm)	1545 - 1555	1553	1045 -1065	1064
Repetition Rate (kHz)	6 -80	Up to 800	6-80	Up to 800
Pulse Energy (μJ)	1	3	1	3
Output Beam	Free space, diameter 4 mm (typical), M^2<1.2			
Operating Temp (℃)	15 ~ 35			
Operating Voltage (VAC)	85 ~ 250			

**Preliminary specifications*

Specifications are subject to change without notice. 08/30/2007

Safety information: the product complies with FDA radiation performance standards 21 CFR 1040.10 and 1040.11

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