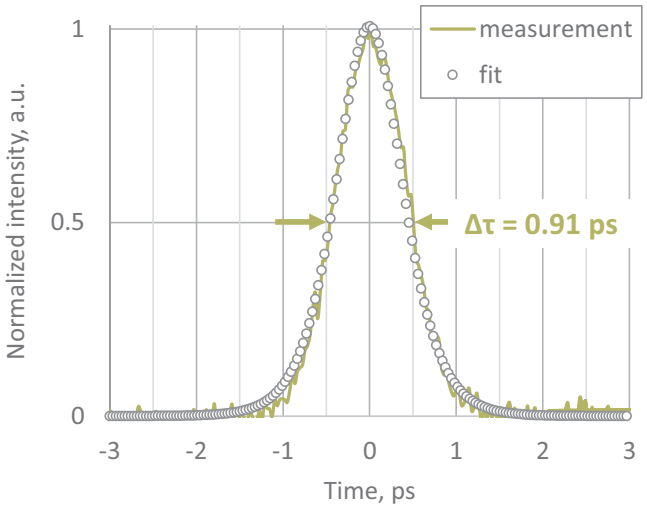
KEY APPLICATIONS

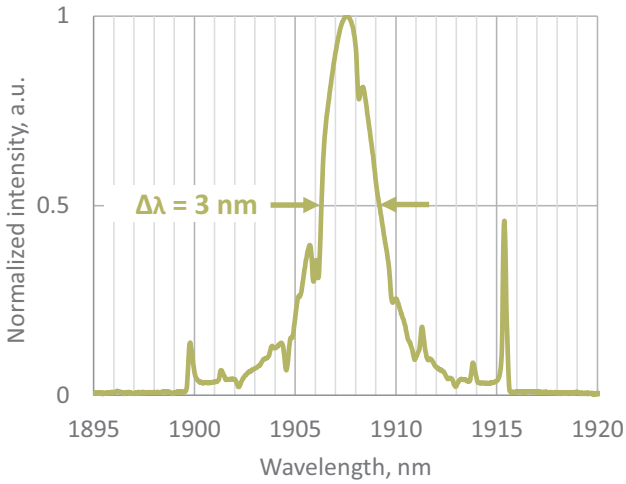
- Spectroscopy in the Mid-InfraRed (MIR)
- Seed source for CPA, OPO systems
- Pump-probe measurements
- Optical components characterization

KEY FEATURES

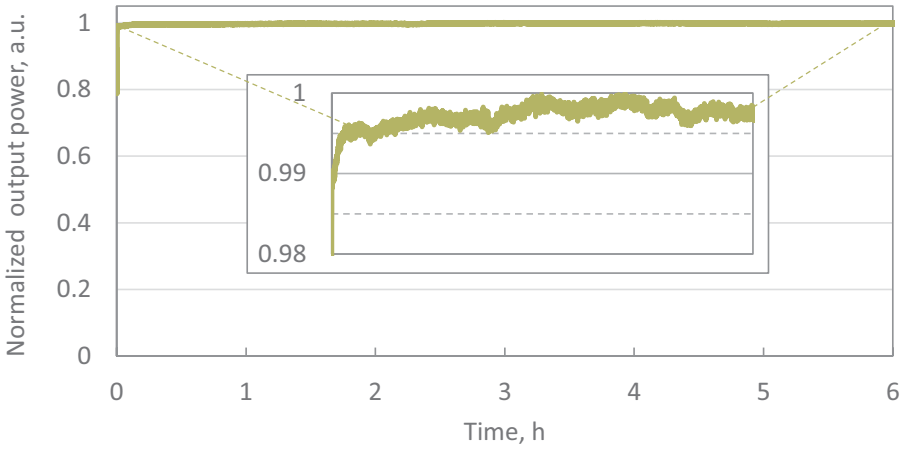
- 1900-1950 nm center wavelength (factory selectable)
- 10 mW average power
- Sub-picosecond duration
- All-fiber monolithically integrated laser



Pulse duration at maximum power



Output spectrum



Output power stability

Product code	Brevity Basics
Optical specifications	
Operating wavelength	1900-1950 nm (factory selectable)
Total output power (full spectrum)	10 mW
Repetition rate	20 MHz
Pulse width	< 1 ps typical
Power stability in stability zone	> 99.4 %
Spatial beam quality	TEM_{00} Gaussian mode (LP_{01})
State of polarization	Unpolarized
Mechanical specifications	
Output	Free-space or armoured fiber
Dimensions (l x w x h)	44 cm x 34 cm x 13 cm (power supply block) 43 cm x 47 cm x 13 cm (optical block)
Weight	12 kg
Power requirements	100 – 240 V / 50 – 60 Hz

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KEY APPLICATIONS

- Optical amplifier seeding
- Pump-probe characterization
- Mid-infrared nonlinear optics
- Supercontinuum generation
- Spectroscopy

KEY FEATURES

- Up to 20 kW peak power (150 fs)
- All-fiber integrated laser source
- Cost-effective solution

Product code	Brevity Basics +
Optical specifications	
Operating wavelength	1910 nm – 2000 nm
Total output power (full spectrum)	Up to 200 mW
Repetition rate	20 MHz
Pulse width	150 fs typical (transform limited)
Power stability in stability zone	> 96 %
Spatial beam quality	TEM_{00} Gaussian mode (LP_{01})
State of polarization	Unpolarized
Mechanical specifications	
Output	Free-space or armoured fiber (ϕ = 2, 4 or 8.5mm)
Length x Width x Height	425 mm x 425 mm x 230 mm
Weight	12 kg
Power requirements	100 – 240 V / 50 – 60 Hz

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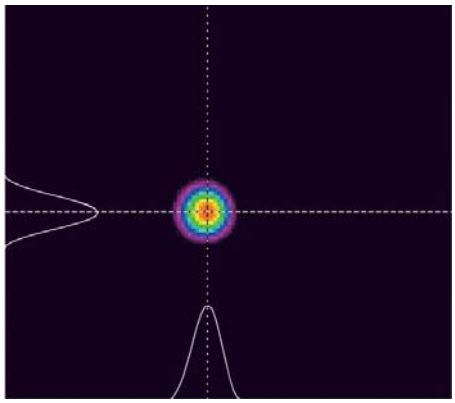
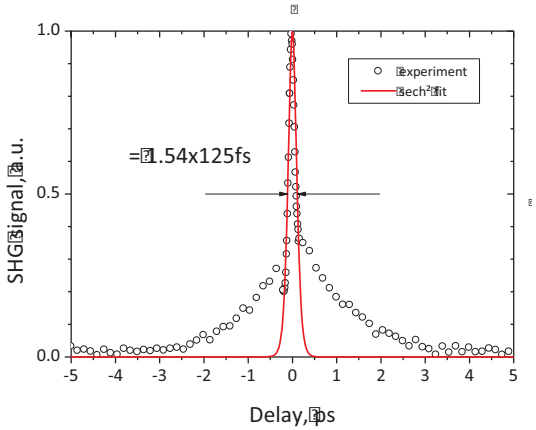
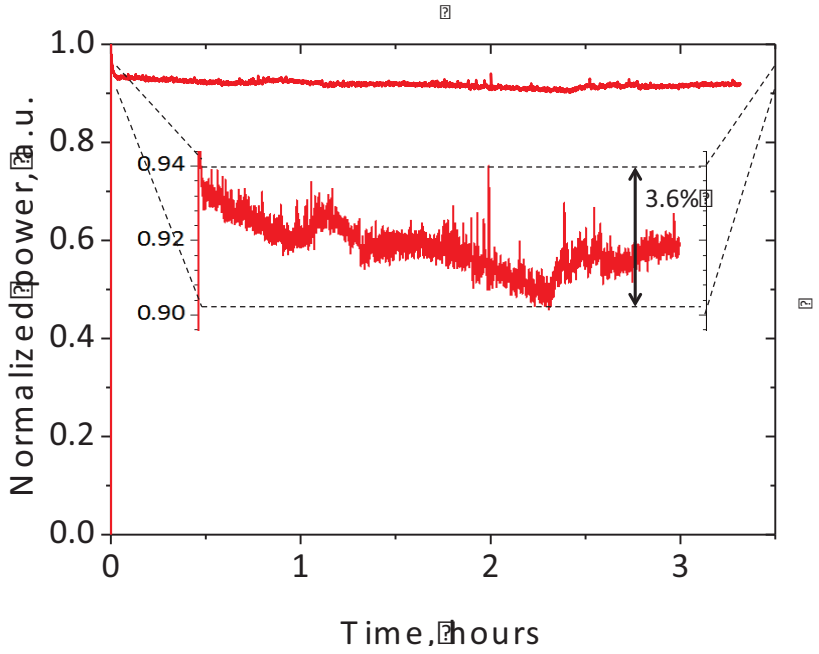


Output beam profile



Autocorrelation trace at maximum power

Stability of output power



Normalized output power as a function of time

INVISIBLE LASER RADIATION
AVOID EXPOSURE to BEAM
Class 4 (IV) Laser product

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