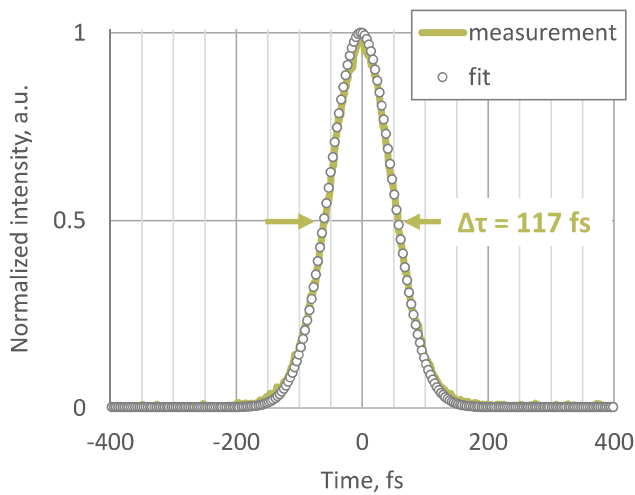


**KEY APPLICATIONS**

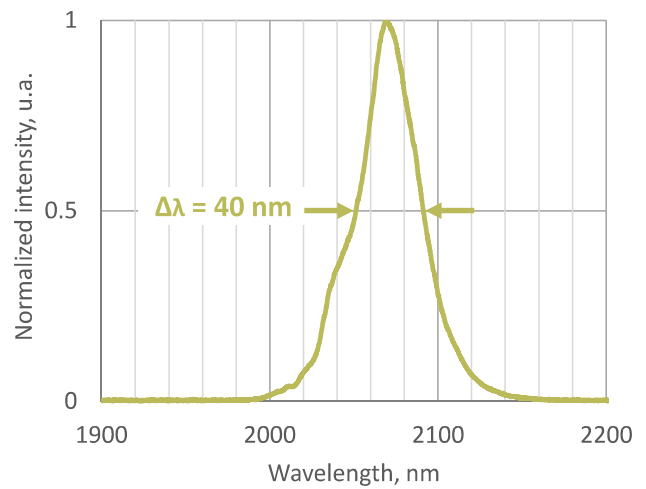
- Spectroscopy in the Mid-InfraRed (MIR)
- Seed source for CPA, OPO systems
- MIR nonlinear optics
- Supercontinuum generation in MIR
- Pump-probe measurements

**KEY FEATURES**

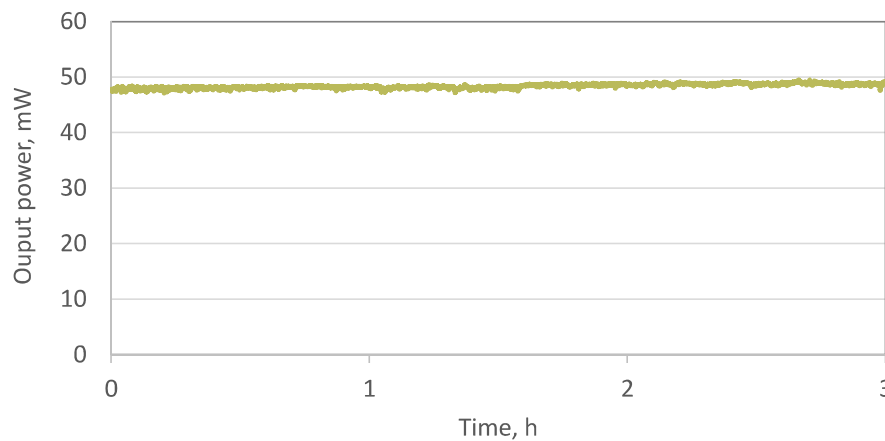
- Large spectral bandwidth (40 nm)
- Ultrashort pulse (< 120 fs)
- Peak power > 20 kW
- All-fiber monolithically integrated laser



**Pulse duration at maximum power**



**Output spectrum**



**Output power stability**

Product code	Brevity Basics $\lambda+$
<b>Optical specifications</b>	
Operating wavelength*	2 070 nm
Total output power (full spectrum)	50 mW
Repetition rate	20 MHz
Pulse width	117 fs typical (transform limited)
Power stability in stability zone	> 96 %
Spatial beam quality	TEM <sub>00</sub> Gaussian mode (LP <sub>01</sub> )
State of polarization	Unpolarized
<b>Mechanical specifications</b>	
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

\* Other wavelengths are available in the range 2000-2150 nm

