

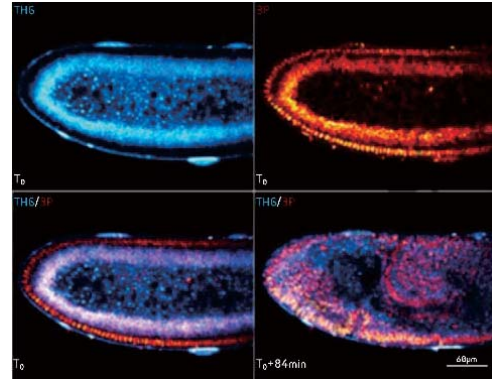
# Brevity $\lambda^3$ / Pre-Release

## Your 3-photon microscopy laser source



### KEY APPLICATION: 3-photon microscopy

- **1.7  $\mu\text{m}$**  central wavelength
- **1 MW** peak power
- **Sub 100 fs** pulses
- **1 MHz** repetition rate



Brevity Lambda<sup>3</sup> is a turn-key femtosecond fiber laser emitting at 1.7  $\mu\text{m}$ . Especially designed for 3-photon microscopy, it provides very high peak power in excess of 1 MW within 100 fs pulses. This fiber laser is based on a robust CPA architecture at telecom wavelength and an innovative wavelength shift. It is the best candidate to explore deeper where conventional 2-photon sources do not make the job!

### Optical specifications

Central wavelength	1.7 $\mu\text{m}$
Average power	> 100 mW
Pulse energy	> 100 nJ
Repetition rate	1 MHz
Pulse width	< 100 fs (FWHM assuming sech <sup>2</sup> fit)
Beam pointing stability	< $\pm 10 \mu\text{rad/K}$
Laser output	Collimated

**PHOTO  
TECHNICA** www.phototechnica.co.jp  
フォトテクニカ株式会社  
〒336-0017 埼玉県さいたま市南区南浦和 1-2-17  
TEL:048-871-0067 FAX:048-871-0068  
e-mail:voc@phototechnica.co.jp



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

Novae SAS – ZI du Moulin Cheyroux - 87700 Aix sur Vienne - FRANCE  
Nicolas Ducros (CEO) +33 658 091 289 – [info@novae-laser.com](mailto:info@novae-laser.com)