



## EFOA-UB. Supercontinuum Generator

- Broad spectrum generation
- Compact highly-stable turn-key solution
- Optional dual simultaneous 1560 nm and 1100-2000 nm output
- Highly stable



EFOA-UB

### Product overview

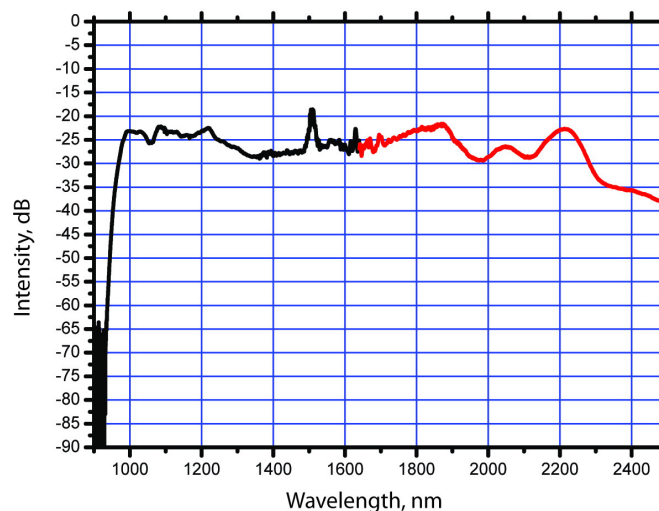
This system provides a turnkey, portable source of broadband laser pulses without requiring any user-adjustments to the fiber coupling. White-light radiation generated by the EFOA-UB is also called "supercontinuum radiation" due to its extensive and continuous character. White-light laser generation is widely applied in different fields of science, medicine and industry, such as telecommunications, control of ultra-short light pulses, improvement of metrological measurement accuracy, optical probing of the Earth's atmosphere. The supercontinuum generator also leads the way to creating new compact multiplex laser radiation sources for nonlinear spectroscopy, microscopy and laser biomedicine.

### EFOA-UB technical specifications

	EFOA-UB
<b>Spectral coverage, nm</b>	1100-2000
<b>Average output power, mW</b>	150
<b>Repetition rate (fixed), MHz</b>	50-70
<b>Laser head dimensions, mm</b>	180x210x70(90)
<b>Control unit dimensions, mm</b>	230x200x130

Possible application of the EFOA-UB fiber laser:

- Supercontinuum generation
- Semiconductor Device Characterization
- Telecommunication Components Characterization
- Optical Switching
- Optical coherence tomography
- Optical Frequency Metrology
- Optical Clocks and Time Standards
- Synchronization and Timing



Typical spectrum of EFOA-UB



# AVESTA

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