



Cannon Ultra-Broadband Light Source

- Broad spectrum generation
- Small footprint
- Turn-key operation
- Highly stable



Cannon

Product overview

This system provides a turnkey, portable source of broadband laser pulses without requiring any user-adjustments to the fiber coupling.

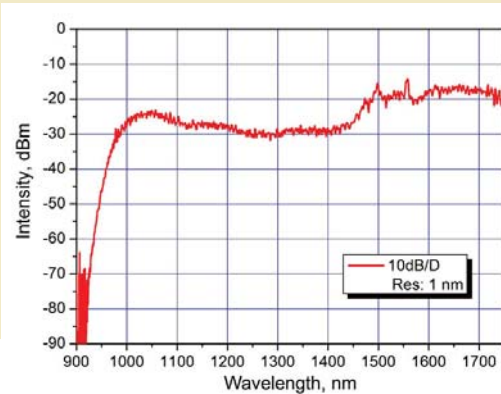
White light radiation generated by the Cannon is sometimes called “supercontinuum radiation” due to its extensive and continuous character. White light laser generation is widely applied in different fields of science, medicine and industry, such as telecommunications, control of ultra-short light pulses, improvement of metrological measurement accuracy, optical probing of the Earth’s atmosphere. The supercontinuum generator also leads the way to creating the new compact multiplex laser radiation sources for non-linear spectroscopy, microscopy and laser biomedicine.

Possible application of the Cannon fiber laser:

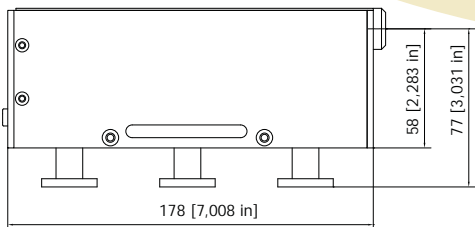
- Supercontinuum generation
- Telecommunications
- Optical components testing
- Optical coherence tomography
- Fluorescence spectroscopy of biological markers

Cannon technical specifications

| | Cannon |
|----------------------------------|-------------|
| Spectral coverage, nm | 1000-1900 |
| Average output power, mW | 150 |
| Repetition rate, MHz | 50-70 |
| Laser head dimensions, mm | 180x210x70 |
| Power supply unit dimensions, mm | 290x200x100 |



Typical spectrum of the Cannon



Cannon (mm [inches])

