

Super-continuum Light Source FLA-SC2100

A highly stable broadband light source using a unique pulse seeder specialized in supercontinuum (SC) generation. It has a flat spectral shape not found in conventional SC light sources and high stability comparable to ASE light sources. It can be widely used as an inspection light source for optical parts and a broadband light source for physics and chemistry.

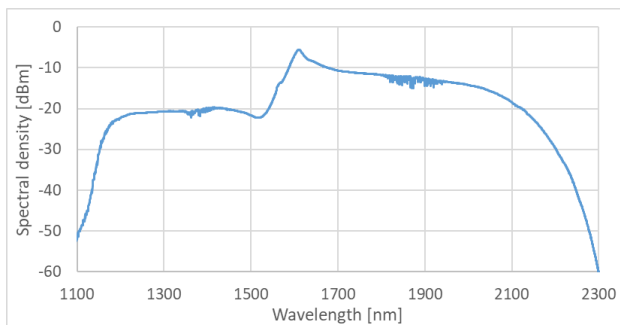


250(W) × 350(D) × 130(H) mm (Excluding protrusions)

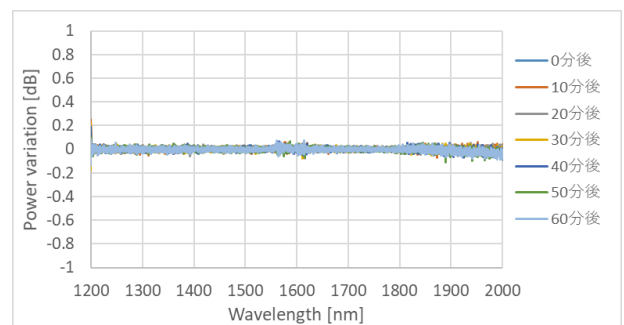
■ Features: High spectral stability and spectral density

- Output Wavelength: 1200~2100nm
- Adopting unique pulse seeder(*), succeeded in reducing the temporal change in spectral shape and power.
- Due to the high spectral density, even narrow linewidth filters can be evaluated over a wide dynamic range.
- SMF output makes it easy to build an experimental system.

■ Characteristic example



Output Spectrum



Time stability of output spectrum

Application fields

Inspection light source, various measurement and research applications

Main Specifications

Output Wavelength	1200~2100nm
Output method	SMF (Single Mode Fiber), FC or SC connector
Output Power	> 35mW
Spectrum Stability	< 0.2dB/nm (1200~2000nm,1hour)
Output Polarization	Non polarized
Housing Dimensions	250(W) × 350(D) × 130(H) mm (Excluding protrusions)

Specifications are subject to change without notice.

(*)This product is the result of joint research with Professor Minoru Yoshida, Frontiers Optics Laboratory, Graduate School of Science and Engineering, Kindai University.

OPTOQUEST CO., LTD.

E-mail : sales-info@optoquest.co.jp URL : <https://www.optoquest.co.jp>