

Supercontinuum Source SC-5

YSL Photonics' SC-5 is a cost-effective supercontinuum source with fiber collimated output. With a total output power of more up to 1W covering a broad spectral range of 450nm to 2400nm, the system is an ideal light source for fiber component characterization, OCT and other areas. SC-5-CFS can replace the traditional ASE, SLD and Lamp systems in many applications.

Key Features:

- >1W Total Power
- 450nm-2400nm
- Spectrum Power Density > -10dBm/nm
- Spectrum Stability <0.1dB
- Bluetooth Connection
- With anti-reflection isolator

Applications:


- Fiber component characterization
- Fiber sensing
- OCT
- Industry inspection
- Broadband spectroscopy
- Fluorescence spectroscopy



SC-5 Typical Spectrum

Specifications:

Model	SC-5
Total Power (Full Spectrum)	>1W
Wavelength	450nm-2400nm
Spectrum Power Density (800-1700nm)	>-10dBm/nm
Spectrum Stability (800-1700nm)	<0.1dB
Repetition Rate	5MHz
Output	Fiber collimated output
Beam Quality	$M^2 < 1.1$
Fundamental Pulse Width	~ 100ps
Length of Output Fiber	1.5m
State of Polarization	Unpolarized
Computer Interface	USB and Bluetooth Connection
Sync(trigger) Output (SMA)	NIM Output 0--1V TTL Output 0-3.3V
Power Requirements	100-240V,50/60Hz
Dimensions (W* L* H)	300*245*70 mm

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Connector

FC/APC

FC/PC

CFS