

## Supercontinuum Source SC-5

YSL Photonics' SC-5 is a cost effective supercontinuum source with fiber collimated output or single mode FC connector output. With a total output power of more up to 800mW covering a broad spectral range of 470nm to 2400nm, the system is an ideal light source for fiber component characterization, fiber sensing, OCT and other areas. SC-5 can replace the traditional ASE, SLD and Lamp systems in many applications.

### Key Features:

- >800mW Total Power
- 470nm-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-FC Typical Spectrum

## Specifications :

<b>Model</b>	<b>SC-5</b>
Total Power (Full Spectrum)	>800mW
Wavelength	470nm-2400nm
Spectrum Power Density (800-1700nm)	>-10dBm/nm
Spectrum Stability (800-1700nm)	<0.1dB
Repetition Rate	5MHz
Output	Single mode fiber with FC connector output *Fiber collimated output for optional
Beam Quality	$M^2 < 1.1$
Fundamental Pulse Width	~ 100ps
Length of Output Fiber	1.5m
State of Polarisation	Unpolarised
Computer Interface	USB and Bluetooth Connection
Sync(trigger) Output	SMA
Power Requirements	100-240V,50/60Hz
Dimensions(W* L* H)	300*245*70 mm

\* Fiber collimated output for optional: >1W total power, 450-2400nm

\* SC-5- 



Connector
FC/APC
FC/PC
CFS