

Supercontinuum Source SC-5

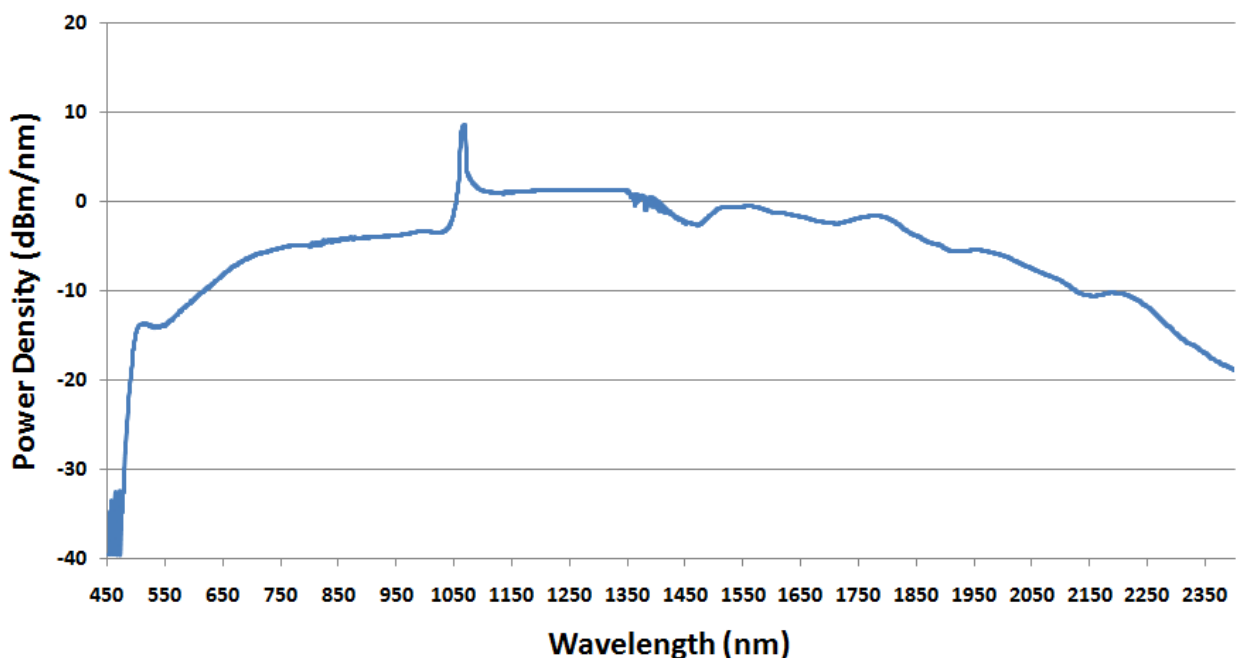
YSL Photonics' SC-5 is a cost effective supercontinuum source with fiber collimated output or single mode FC connector output. With a total output power of more up to 1W covering a broad spectral range of 450nm to 2400nm, the system is an ideal light source for fiber component characterization, fiber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

Key Features:

- >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 *Single mode fiber with FC connector 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

*Single mode fiber with FC connector: >800mW total power, 470-2400nm

* SC — 5 — 



Connector
FC/APC
FC/PC
CFS