

Supercontinuum Source SC-5-FC

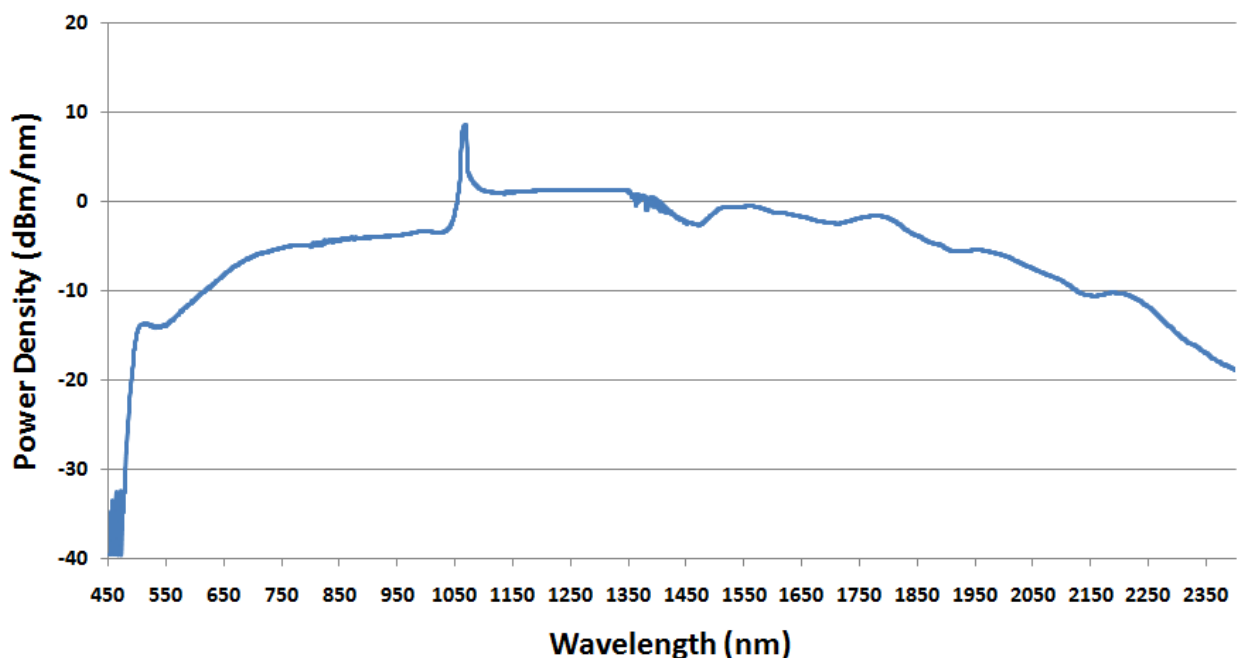
YSL Photonics' SC-5-FC is a cost-effective supercontinuum source with fiber collimated output. With a total output power of more up to 500mW covering a broad spectral range of 470nm to 2400nm, the system is an ideal light source for fiber component characterization, OCT and other areas. SC-5-FC can replace the traditional ASE, SLD and Lamp systems in many applications.

Key Features:

- >500mW 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 :

Model	SC-5-FC
Total Power (Full Spectrum)	>500mW
Wavelength	470nm-2400nm
Spectrum Power Density (800-1700nm)	> -10dBm/nm
Spectrum Stability (800-1700nm)	<0.1dB
Repetition Rate	2MHz
Output	Fiber output (FC/APC)
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