

Supercontinuum Light Source



Applications

- Optical coherence tomography
- Optical spectroscopic measurements
- Bio-sensing
- Telecommunication components characterization
- Optical metrology

Features

- Spectrum range from 500 to 1800 nm
- Uniform spectrum with high power density of 1 mW/nm
- Excellent wavelength and power stability
- Maintenance free
- Turnkey operation

The supercontinuum light source SLS is a spectrally broadened passively mode-locked fiber laser. It has excellent stability, reliability and turnkey operation. Along with a portable design, SLS-01 features a super broadband spectral output from 500 to 1800 nm. It provides high power of greater than 1 Watt with a spectral power density of better than 1 mW/nm. The supercontinuum spectral profile holds less than 10 dB uniformity over the entire wavelength band.

Technical Specifications

Model Number	SLS-01
Output Wavelength (nm)	500 ~ 1800
Repetition Rate (MHz)*	20
Spectral Power Density (mW/nm)	≥1.0
Average Output Power (W)	>1
Spectral Width (nm)	>1300
Fiber Type	SMF-28
Operating Temp (°C)	10 ~ 35
Operating Voltage (VAC)	85 ~ 264
Dimensions (cm)	34(w) x 42(d) x 9(h)

* Other repetition rates within 10 to 50 MHz range are available.

Due to our continuous improvement program, specifications are subject to change without notice.

