



Continuous Supercontinuum Light Source

Description

The new continuous supercontinuum light source from O/E Land inc. is available now with model number **OESCS-100**. **OESCS-100** is a continuous fiber optic light source with a more than 500nm bandwidth with high output power up to one watt. With our advanced fiber laser technology, the **OESCS-100** covers from 1480 nm to 2000 nm with high density power level. Unlike other supercontinuum light source pumped by pulsed laser diode, **OESCS-100** is powered by continuous pump laser with continuous, highly stable output spectrum.

Key Features

- Continuous Ultra-Broadband Light Source
- Spectral Range: 1480 – 2000 nm
- Total Output Power up to 1 watt
- Turn-key Solution
- Cost Effective
- A Single Fiber Output

Applications

- White Light Interferometry
- Optical Component Test
- Fiber and Grating characterisation
- Optical Coherence Tomography
- Bio-medical
- ASE-Alternative

Specifications

Optical Parameters

Spectral Bandwidth	1480 – 2000 nm
Total Output Power	1 Watt
Spectral Density	> 1 mw/nm
Average Power Stability	+/- 0.2 dB

Mechanical Parameters

Operating temperature	10 to 30°C
Storage temperature	5 to 45°C
Physical Dimensions (H x L x D)	157 x 343 x 400 mm
Output Fiber Type	SMF-28
Connector Type	FC/APC

Continuous Supercontinuum Light Source Spectrum

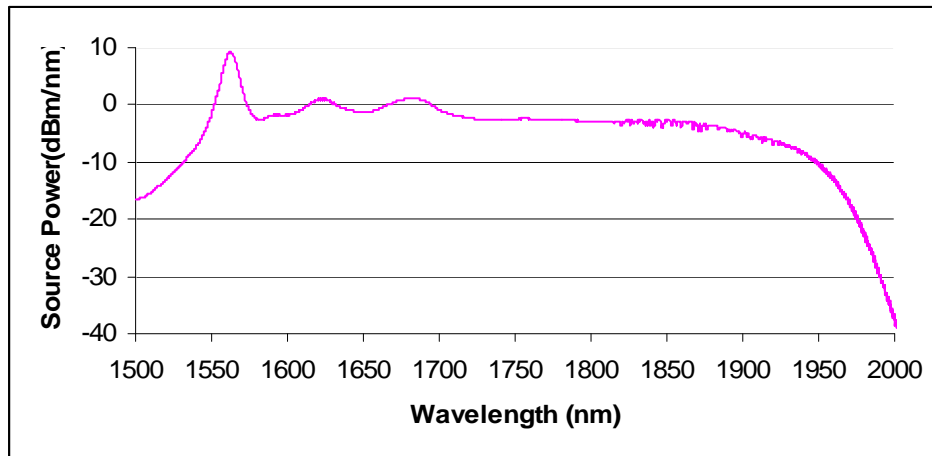


Figure 1. Source spectrum

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