

## 5 $\mu\text{m}$ Supercontinuum Light Source

### Description

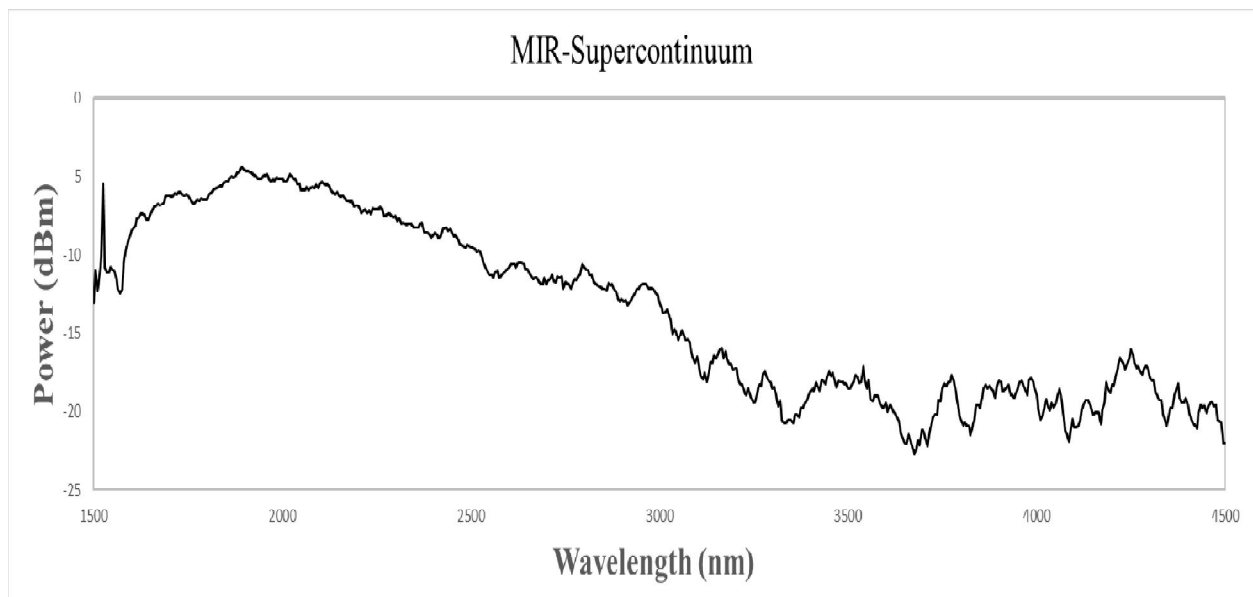
**OEMIR-SC-500** is Mid Infrared (MIR) supercontinuum light source from O/E Land inc. This is a pulsed fiber optic light source from 1.5 $\mu\text{m}$  to 4.5 $\mu\text{m}$  with a more than 3500 nm bandwidth with high output power more than 2 watts via single mode fiber output. Based on our advanced non-linear fiber optic technology, this light source is specifically targeting applications such as Infrared Spectrometry, IR countermeasures, sensor and R&D, etc.

### Key Features

- High brightness single-mode IR beam
- Outstanding wavelength coverage
- Output Power more than 2 watts
- Turn-key Solution
- Cost Effective

### Applications

- Infrared spectrometry
- Infrared countermeasures
- Spectral fingerprinting
- Hyper spectral imaging
- Research and development

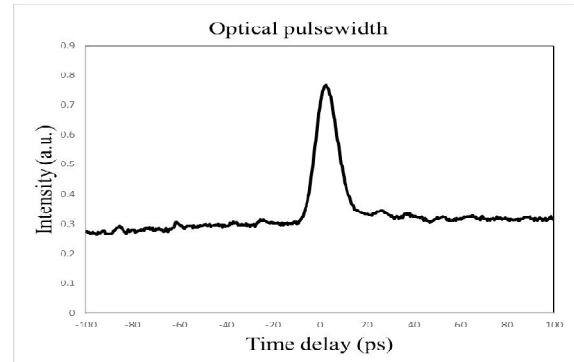


Light source spectrum

## Key Features



## Applications



## Specifications

|                          |                           |
|--------------------------|---------------------------|
| Spectral Bandwidth (nm)  | 1500 nm – 4500 nm         |
| Total Output Power (mW)  | 2000                      |
| Spectral Density (mW/nm) | 0.6                       |
| Pulsewidth (ps)          | 12 ps                     |
| Repetition rate (kHz)    | 300 kHz                   |
| Output                   | Single mode or Free space |
| Storage temperature (°C) | 5 to 45                   |
| Connector Type           | FC/APC or Collimated Beam |

Note: All specifications are subject to change without notice.

Please feel free to contact us at (514) 334-4588 or at [sales@o-eland.com](mailto:sales@o-eland.com) for more information on this product.