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# ASE 1050nm Light Source

(Wavelength: 1030 ~ 1070nm)

The 1050nm Amplified Spontaneous Emission (ASE) light source has broad wavelength range covering from 1030nm ~ 1070nm. This light source using Ytterbium-doped fiber produces excellent stability and output power.



## Types

- Bench Top / Module

## Applications

- Fiber Optic Sensing
- Optical Tomography
- Component Characterization
- High Power Fiber Laser

## Features

- High Output Power
- Good Spectral Stability
- Compact Size



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## SPECIFICATIONS

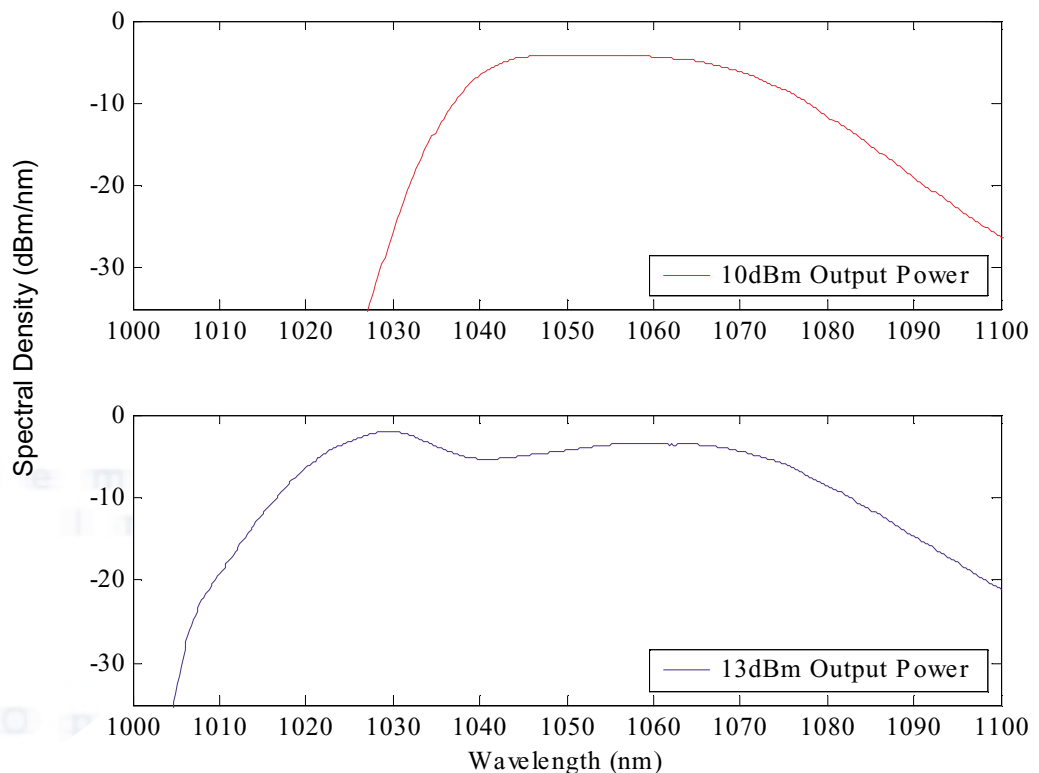
### ASE 1050nm Light Sources

Parameter	Values	
Total Output Power	> +10 dBm	> +13 dBm
Wavelength	1040 nm ~ 1075 nm	1020 nm ~ 1080 nm
Spectrum Density	> -12 dBm/nm	
Output Stability	± 0.02 dB (8 hrs)	
Connector Type	FC/APC, others on request	

\* Other output power models are available upon request

### General Environment Parameters

Parameter	Bench Top	Module
Operating Temperature	0°C to 40°C	0°C to 60°C
Storage Temperature	-10°C to 70°C	-10°C to 70°C
Power Supply	80-240V AC, 43-63 Hz	5V DC
Electrical Connector		14-pin MIL Socket
Protection	Pump Laser Overheat Warning	Pump Laser Overheat Warning
LCD Display	Optical Output Power	
Controls	Keylock Switch, Output Power	
Computer Interface	RS232	
Dimensions	250mm x 300mm x 100mm	100mm x 120mm x 18mm



## ORDERING CODES

OLS15105  -  -

Type	Code
Bench Top	B
Module	M

Power	Code
+10 dBm	10
+13 dBm	13

Connector Type	Code
FC/APC	FA
Others	XX

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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: [contact@optolinkcorp.com](mailto:contact@optolinkcorp.com) Website: [www.optolinkcorp.com](http://www.optolinkcorp.com)