

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

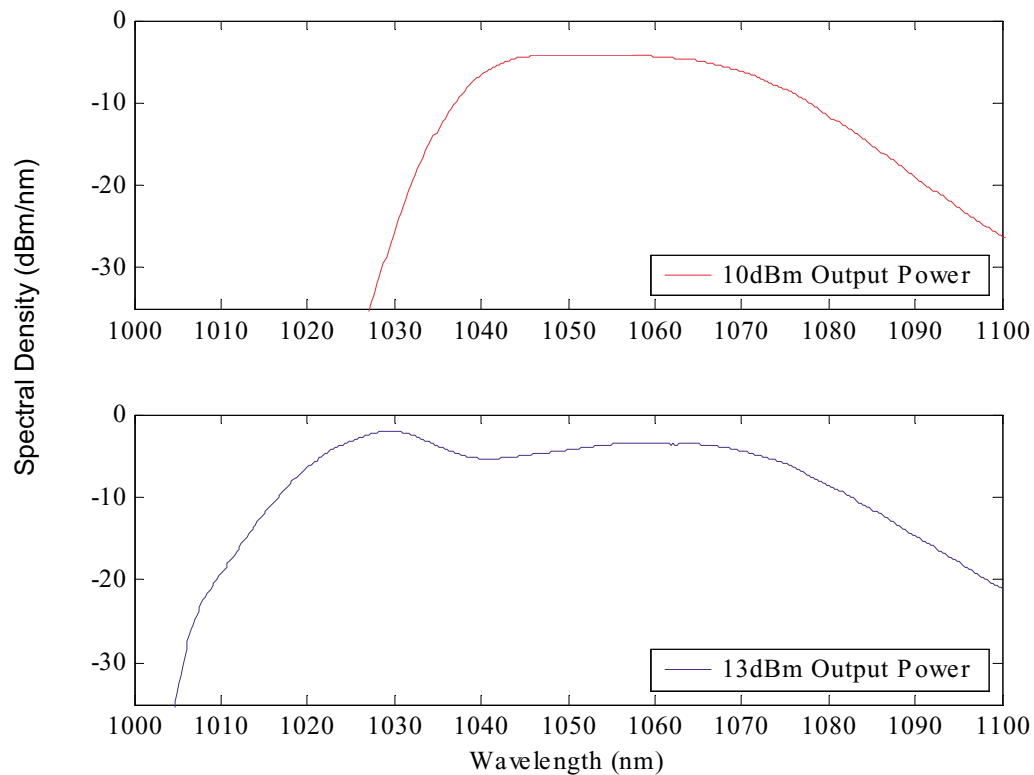
ASE 1050nm Light Sources

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

ALS15105 - -

Type	Code	Power	Code	Connector Type	Code
Bench Top	B	+10 dBm	10	FC/APC	FA
Module	M	+13 dBm	13	Others	XX

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