

# 1-Micron ASE Source

*Compact ASE Benchtop Source*



## Features

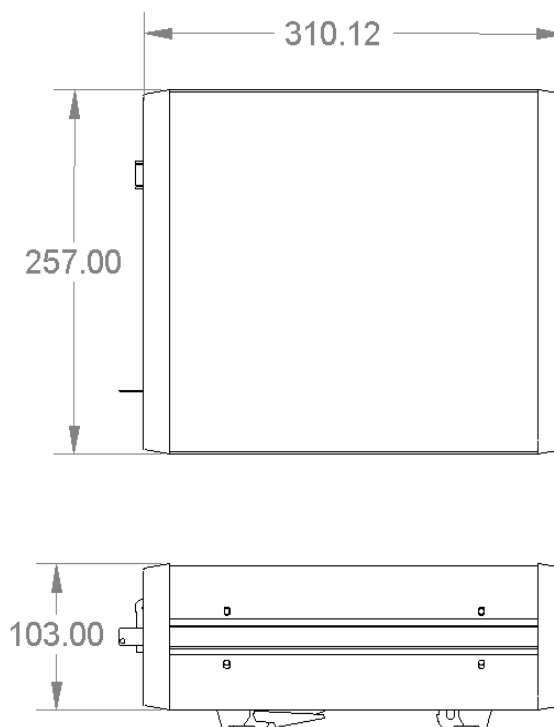
- >13 dBm (> 20 mW)
- High Power
- Wide bandwidth (> 65 nm)
- Turn-key system
- RS232 interface
- CDRH compliant
- Integrated pump laser
- Microprocessor control
- Monitoring electronics
- Customizable

The 1-Micron ASE Source is a member of our ASE product family that covers a variety of wavelength ranges, spectral shapes, and output powers. All are available in convenient form factors including: OEM Module and Benchtop unit.

## Applications

- Bio-medical imaging (OCT)
- Sensing
- Passive components testing
- Spectroscopy

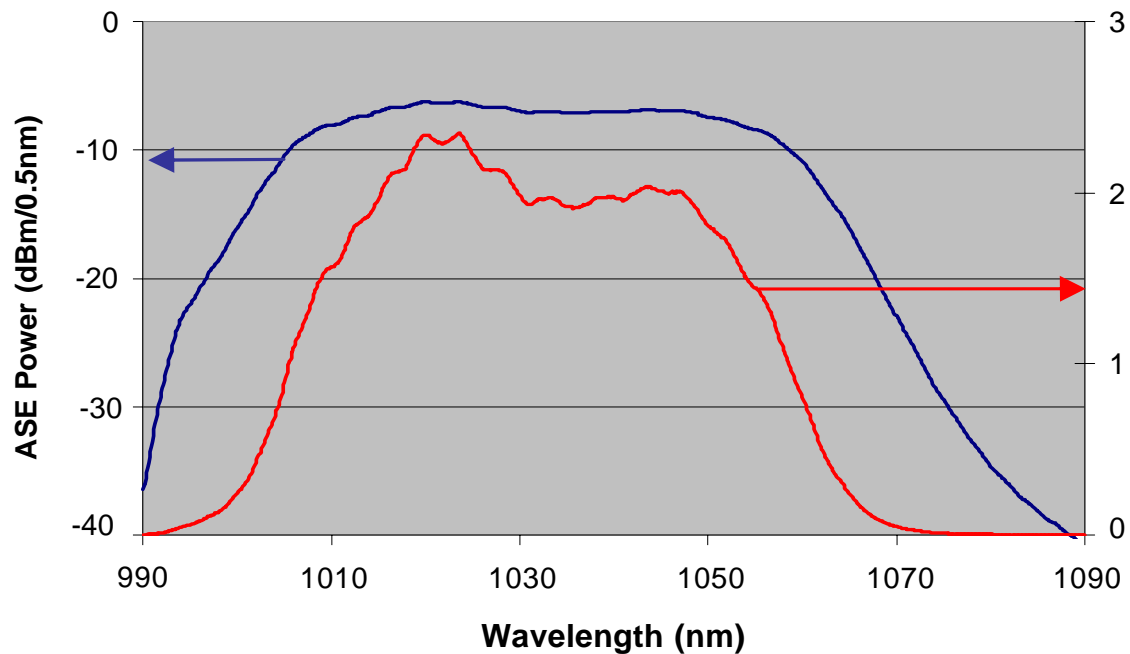
## Mechanical Outline:



## PRODUCT SPECIFICATIONS

Parameter	Low Power	High Power	Extended Bandwidth
Wavelength range @ 3 dB	1000 - 1050 nm	1005 - 1055 nm	1005 - 1075nm
Wavelength range @ 10 dB	995 - 1060 nm	1000 - 1065 nm	1000-1090
Output Power (dBm)	> 7 dBm	> 13 dBm	> 13 dBm
Degree of Polarization	< 5%	< 5%	< 5%
Package Dimensions	200 x 72 x 16 mm	200 x 120 x 26.35 mm	200 x 120 x 26.35 mm

Typical Spectra:



### Ordering Information:

- 1-M-ASE-LP-S (Low power 1 micron ASE Source)
- 1-M-ASE-HP-S (High power 1 micron ASE Source)
- 1-M-ASE-HPE-S (High power extended bandwidth ASE Source)



NP Photonics 1-Micron ASE Sources are protected by a 12-month warranty. All components and assemblies are unconditionally warranted to be free of defects in workmanship and materials for the warranty period, beginning from the date of shipment. This warranty is in lieu of all other warranties, expressed or implied, and does not cover incidental or consequential loss. This warranty does not apply to devices damaged due to operating conditions outside of the specified parameters. Modified warranties for OEM customers are available.