



C&L Band ASE Source

Compact ASE Benchtop Source



Features

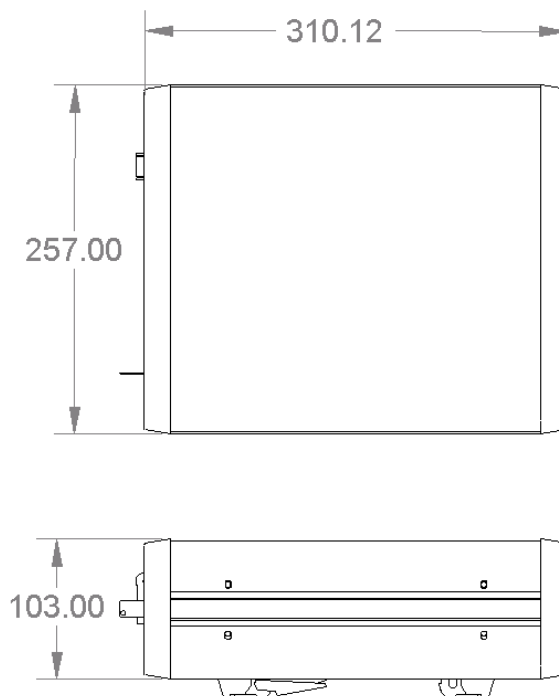
- Full C&L Band operation
- 13, 17, & 19 dBm
- Wide bandwidth
- Turn-key system
- RS232 interface
- CDRH compliant
- Integrated pump laser
- Microprocessor control
- Monitoring electronics
- Customizable

Applications

- Sensing
- Passive components testing
- Bio-medical imaging source
- Spectroscopy

The C&L Band ASE Source is a member of our ASE product family which covers a variety of wavelength ranges, spectral shapes, and output powers. All are available in convenient form factors including: OEM Module and Benchtop.

Mechanical Outline:

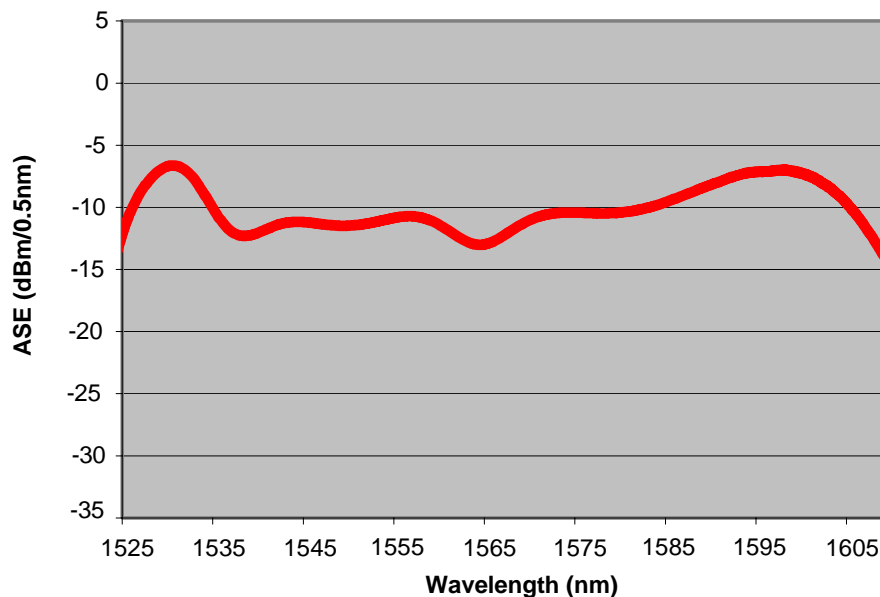


Performance | Reliability | Innovation

PRODUCT SPECIFICATIONS

Parameter

Wavelength Range	1525 to 1610 nm
Output Power	7, 10, 13, 17 & 19 dBm
Minimum power stability (dB) (1 hr) at fixed °C	± 0.02 dB
Minimum spectral power density (dBm/nm)	-1
Optical Bandwidth @ 10 dB point	> 85 nm
Output Polarization (Degree of Polarization)	< 5%
Power Consumption	< 6 W
Package Dimension	200 x 120 x 26.35 mm



Ordering Information:

ASE-CL-13-S	(ASE, C&L Band with 13 dBm output power in a benchtop)
ASE-CL-17-S	(ASE, C&L Band with 17 dBm output power in a benchtop)
ASE-CL-20-S	(ASE, C&L Band with 19 dBm output power in a benchtop)



NP Photonics C&L Band 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.



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Specifications subject to change without notice