

## Amplified Spontaneous Emission Broadband Light Source

Amplified Spontaneous Emission (ASE) light source series provide a wide wavelength range and high output power to help you maximize your capabilities of optical component spectral measurements and systems compliance tests both in manufacturing and R&D environments.



All ASE-Es are available in Bench Top, 1U 19" Rack-mount,

Gain Block or Module formats.

### Features

- High Output Power from 13 dBm to 24 dBm
- Choice of wavelengths C-, L- and C+L-bands
- Wide spectral bandwidth
- High power density
- High spectral stability
- Multi-Output Option up to 4 ports
- RS232 or USB interface
- High performance-to-cost ratio
- Optional build-in attenuator and optical Power monitor
- Custom design flexibility

### Applications

- Optical components test
- Systems compliance test
- Sensors and imaging
- R&D

### Specifications

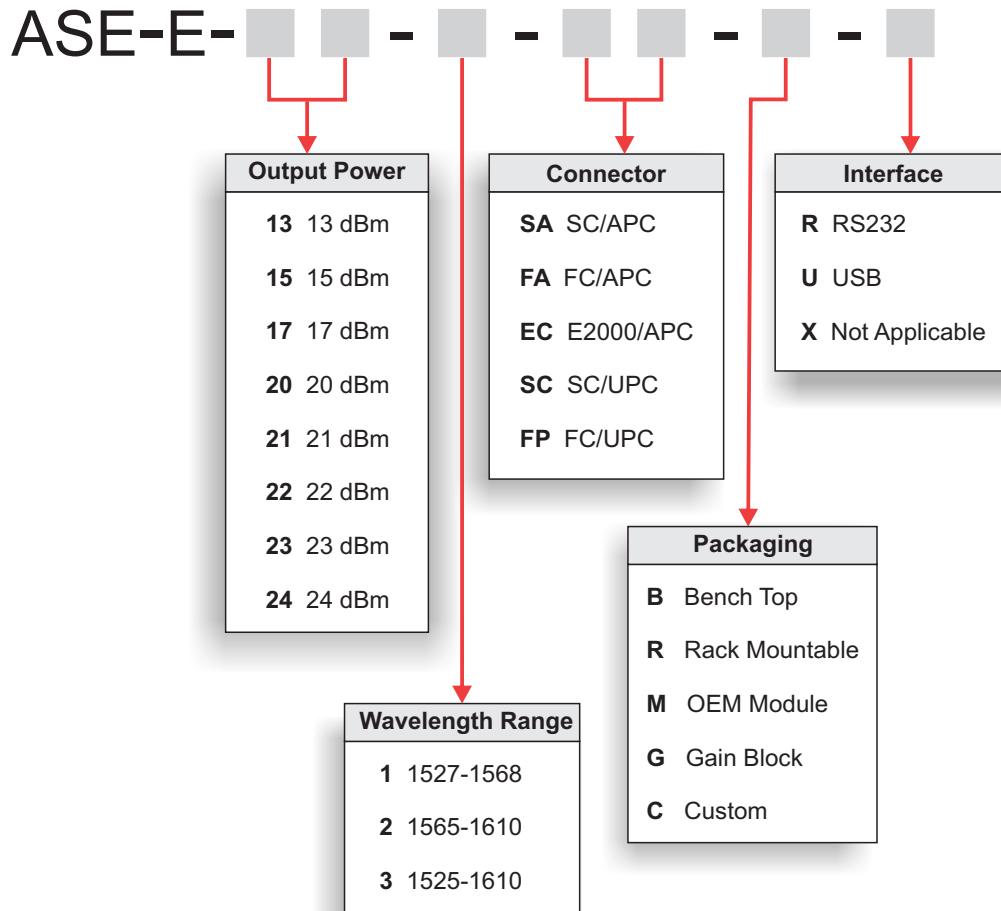
Parameters	Unit	C-Band	L-Band	C+L-Band
Total output power	dBm	15 to 24	13 to 23	13
Operating wavelength range	nm	1527–1568	1565-1610	1525-1610
Gain flattened range	nm	1529–1565	1570-1603	1526-1603
Number of outputs ports		1,2,4		
Port to port variation	dB	+/-0.4	+/-0.4	+/-0.5
Total power stability <sup>1</sup>	dB	0.02	0.02	0.02
Spectrum flatness	dB	1.5-2.0	1.5-2.5	2.5
Output polarization		Unpolarized		
Output isolation	dB	45		
Return loss	dB	55		
Operating temperature	C	0 to +50		
Storage temperature	C	-40 to +85		
Humidity	%	0 to 95 (Non-condensing)		

(1) Measured at 23°C after one hour warm up

## Ordering information

Indicate your requirements by selecting one option from each configuration table.  
For more information on this or other products and their availability, please contact QGLex Inc.

Sample: ASE-E-21-2-SA-M-R



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