

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

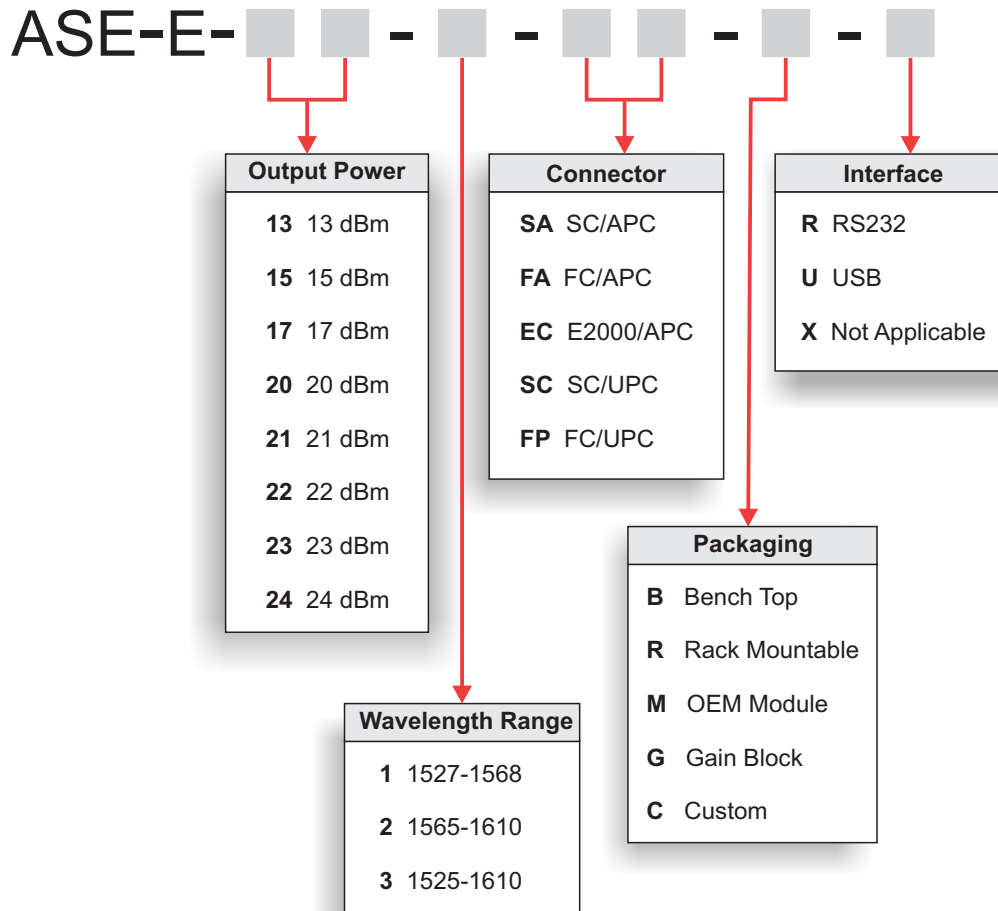
Parameters	Unit	C-Band	L-Band	C+L-Band
Total output power	dBm	15 to 24	13 to 23	13
Operating wavelength range	nm	1527–1568	1565-1610	1525-1610
Gain flattened range	nm	1529–1565	1570-1603	1526-1603
Number of outputs ports		1,2,4		
Port to port variation	dB	+/-0.4	+/-0.4	+/-0.5
Total power stability ¹	dB	0.2	0.2	0.2
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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