

1.5um ASE Light Source



ACP's 1.5 μ m ASE light sources series provide broad wavelength range covering from C to L band 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 AC Photonics' products are Telcordia qualification tested.

Key Features

- Wide spectral bandwidth
- High power density
- High spectral stability
- High performance-to-cost ratio
- Optional build-in attenuator and optical power monitor

Applications

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

Performance Specifications

Parameter	Specifications		
	C Band	L Band	C+L Band
Total Output Power	15 to 24dBm	13 to 23dBm	13
Operating Wavelength	1527nm to 1568nm	1565nm to 1610nm	1525nm to 1610nm
Gain Flattened Range	1529nm to 1565nm	1570nm to 1603nm	1526nm to 1603nm
Number of Output ports	1, 2 or 4		
Port to Port Variation	± 0.4 dB	± 0.4 dB	± 0.5 dB
Total Power Stability*	0.02dB		
Spectrum Flatness	1.5 to 2.5	1.5 to 2.5	2.5
Output Polarization	Un-polarized		
Output Isolation	45dB		
Return Loss	55dB		
Operating Temperature	0 to +50°C		
Storage Temperature	-40 to +85°C		
Humidity (non-condensing)	0 to 95%		

Note:

*Measured at 23°C after one hour warm up

Ordering Information

ASELS	□ □	□ □	□	□	□	□
	Wavelength	Output Power	Number of Outputs	Connector	Package	Interface
	CB = 1527-1568nm LB = 1565-1610nm CL = 1525-1610nm	13 = 13dBm 15 = 15dBm 17 = 17dBm 20 = 20dBm 21 = 21dBm 22 = 22dBm 23 = 23dBm 24 = 24dBm	1 = 1 output 2 = 2 outputs 4 = 4 outputs	1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC Custom	B = Bench Top R = Rack Mount M = Module G = Gain Block Custom	R = RS232 U = USB Empty = N/A