



1 μ m ASE Light Source

AC Photonics' 1 μ m ASE light sources series provide broad wavelength range covering from 1030nm to 1080nm 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. This light source using Ytterbium-doped fiber produces excellent stability and output power.



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	Specification
Total Output Power (dBm)	13 to 20
Operating Wavelength (nm)	1030 to 1080
Number of Output Ports	1, 2 or 4
Port to Port Variation (dB)	± 0.4
Total Power Stability* (dB)	0.02
Output Polarization	Un-polarized
Output Isolation (dB)	30
Return Loss (dB)	45
Operating Temperature(°C)	0 ~ +50
Storage Temperature(°C)	-40 ~ +85
Humidity (non-condensing) (%)	0 ~ 95

* Measured at 23°C after one hour warm up

Ordering Information

AELS	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Wavelength	Output Power	Number of Outputs	Connector	Package	Interface
	10=1030-1080nm	13 = 13dBm 15 = 15dBm 17 = 17dBm 20 = 20dBm	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