

1um ASE Light Source



ACP's 1 μ m ASE light sources series provide broad wavelength range covering from 1030nm to 1080 nm 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.

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
Total Output Power	13 to 20dBm
Operating Wavelength	1030nm to 1080nm
Number of Output ports	1, 2 or 4
Port to Port Variation	± 0.4 dB
Total Power Stability*	0.02dB
Output Polarization	Un-polarized
Output Isolation	30dB
Return Loss	≥ 45 dB
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
	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