

2000 nm ASE Broadband Light Source

Model #: ASE-2000

Description: 2000 nm ASE band broadband light source

Application: CO₂ sensor, test and measurement instrument, fiber optical gyroscope, scientific instrument

Specifications

Parameter	Unit	Specifications
Optical Specification		
Central Wavelength	nm	1960 ± 10
Min. Output Power	mW	>30 (with isolator) >50 (without isolator)
Min. Bandwidth (FWHM)	nm	60
Max. Output Power Short Term Stability	%	± 5 (after 30 minutes warm up)
Fiber Type	dB	SMF-28
Environmental Specification		
Operating Temperature	°C	5 to +35
Storage Temperature	°C	-10 to + 65
Relative Humidity	%	20 - 80
Power Supply	VAC	110/220VAC, 50 Hz 20 W (desk top); +5 VDC, driving current > 2A, ΔV<1% (module)
Max. Power Consumption	W	10
Dimension	mm	90 (W) x 70 (D) X 19 (H) (module) or 320 (W) x 220 (D) x 90 (H) (desk top)

Notes: Stability is tested at room temperature 25 ± 2°C after warming up for 30 minutes

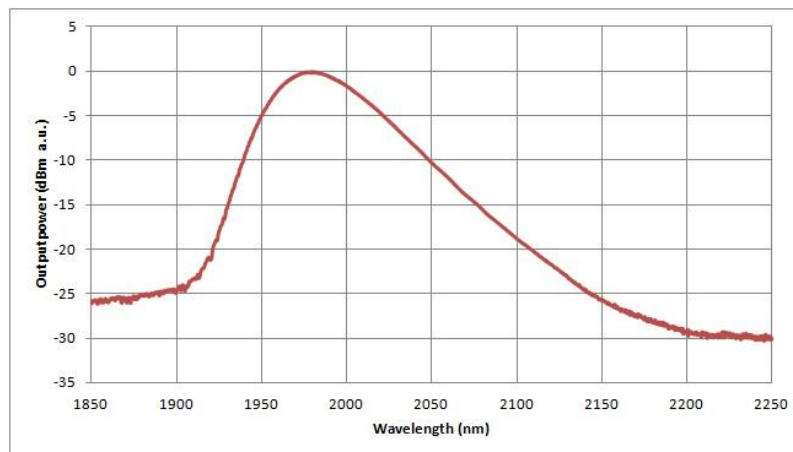


Figure 1. – 2000 nm band spectrum

Ordering Information: ASE-2000-A-B-C

A: package	B: output power	E: connector
M - module	30 – 30 mW with isolator	1 – FC/UPC
D - Desktop	50 – 50 mW without isolator	2 – FC/APC
	X - other	3 – SC/UPC
		4 – SC/APC
		X - other