

ASE C-band Light Source (1525 – 1565 nm)

Model #: ASE-C

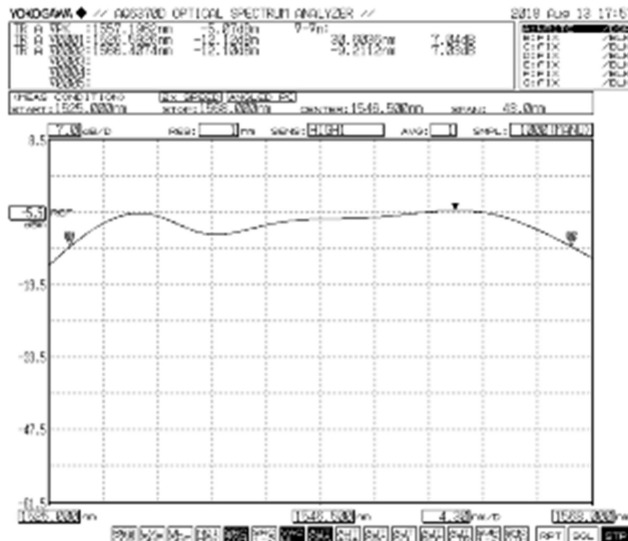
Description: ASE light source, based on the principle of spontaneous radiation amplification, uses doped fiber as gain medium and high performance pump laser, which is a high output power and low noise broadband light source. A flatter spectral output can be obtained with a gain flat filter (GFF).

Application: Fiber sensor, test and measurement instrument, fiber optical gyroscope, OCT, etc.

Specifications

Parameter	Unit	Specifications
Optical Specification		
Gain Flattening Filter		No
Operating Wavelength Range	nm	1528 ~ 1565
Flatness	dB	N/A
Min. Output Power	mW	10
Max. Output Power Short Term Stability ¹	dB	± 0.01 (within 15 min.)
Max. Output Power Short Term Stability ¹	dB	± 0.08 (within 8 hours.)
Max. Degree of Polarization	%	2
Fiber Type	dB	SMF-28
Environmental Specification		
Operating Temperature	°C	0 to +50
Storage Temperature	°C	-20 to + 70
Relative Humidity		<95% (non-condensing)
Power Supply	VAC	90-250 VAC (Desktop) +5VDC; 2A
Dimension	mm	90×70×19 (Module) 360×300×110 (Desktop)

Note 1: Stability is tested at room temperature 25°C and relative humidity change of 5%



C band ASE light source without GFF

Ordering Information: ASE-A-B-C-D-E-F-G

A: package	B: wavelength	C: GFF	D: Output Power	E: power control	F: fiber type	F: connector
D - Desktop	C – C band	N – No GFF	10 – 10 mW	0 – none control	S – SMF-28	1 – FC/UPC
M - Module	X - Specify	G – With GFF	X - Specify	1 – with control	P - Panda	2 – FC/APC
						3 – SC/UPC
						4 – SC/APC
						X - other