

ASE Broadband Light Source

Model #: ASE

Description: ASE broadband light source

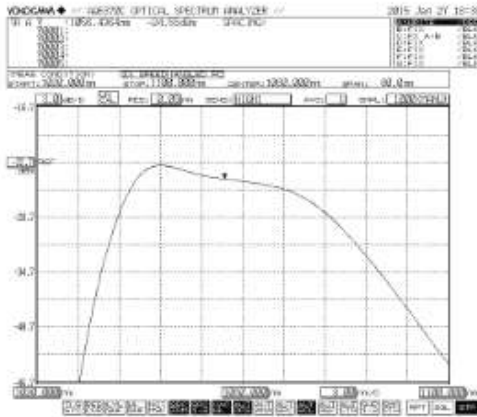
Application: Fiber sensor, test and measurement instrument, fiber optical gyroscope, OCT

Specifications

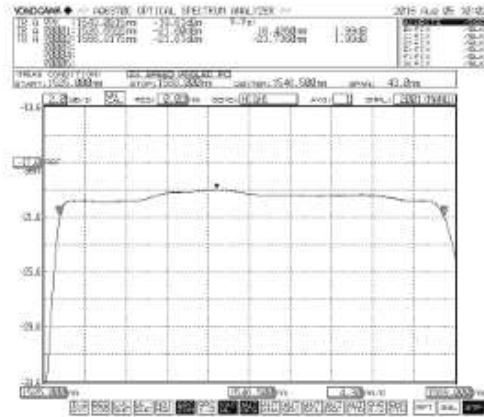
Parameter	Unit	Specifications	
Optical Specification			
Operating Wavelength	nm	1030 ~ 1070, 1528 ~ 1566, 1568 ~ 1603, or 1528 ~ 1603	
Output Power	mW	10 ~ 200	
Max. Short Term Stability ¹	dB	0.01 (15 min.)	
Max. Long Term Stability ²	dB	0.08 (8 hours.)	
Max. Spectrum Flatness	dB	2.0 (with GFF)	
Environmental Specification			
Operating Temperature	°C	0 to +50	
Storage Temperature	°C	-20 to + 70	
Max. Relative Humidity	%	95% (non-condensation)	
Power Supply	Desktop	VAC	AC 90~250V, 50-60 Hz, 20W
	Module	DC	5V/2A (M0, M1, M2) or 12V/3A (M3)
Dimension	Desktop	mm	150 (W) x 125 (D) x 35 (H)
	Module 0 (M0)		60 (D) x 12 (H)
	Module 1 (M1)		90 (W) x 70 (D) x 19 (H)
	Module 2 (M2)		100 (W) x 80 (D) x 20 (H)
	Module 3 (M3)		150 (W) x 125 (D) x 35 (H)

* Stability is tested at room temperature $25 \pm 2^\circ\text{C}$ after warm-up 30 minutes relative humidity variation of <5%

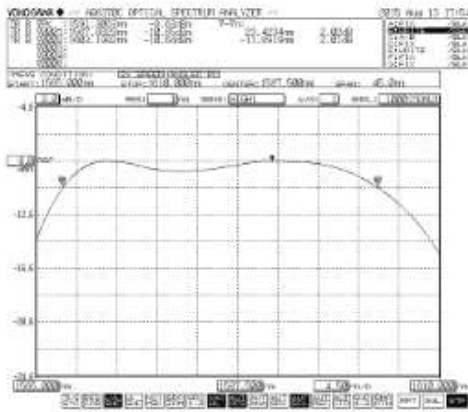
Typical Spectrum



1060nm ASE light source



C Band ASE light source (with GFF)



L band ASE light source



C+L band ASE light source (with GFF)

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

A: package type	B: operating wavelength	C: gain flattening filter	D: optical power	E: power control	F: fiber type	G: connector
D - Desktop	C- 1528 ~ 1566 nm	0 - none	10 - 10 mW	1 - with	S - non-PM	1 - FC/UPC
M0 - M0 module	CL - 1528~1603 nm	F - gain flattening filter	20 - 20 mW	0 - without	P - PM	2 - FC/APC
M1 - M1 module	L - 1568 ~ 1603 nm		50 - 50 mW			3 - SC/UPC
M2 - M2 module	Y - 1030 ~ 1070 nm		XX - other			4 - SC/APC
M3 - M3 module	X - other					X - other