

C/C+L band ASE Broadband Light Source

1. Features:

- High output power;
- High stability;
- Flatness in spectrum.

2. Applications:

- Fiber sensing;
- Optical tomography;
- DWDM Component test.



3. Electro-Optical Characteristics:

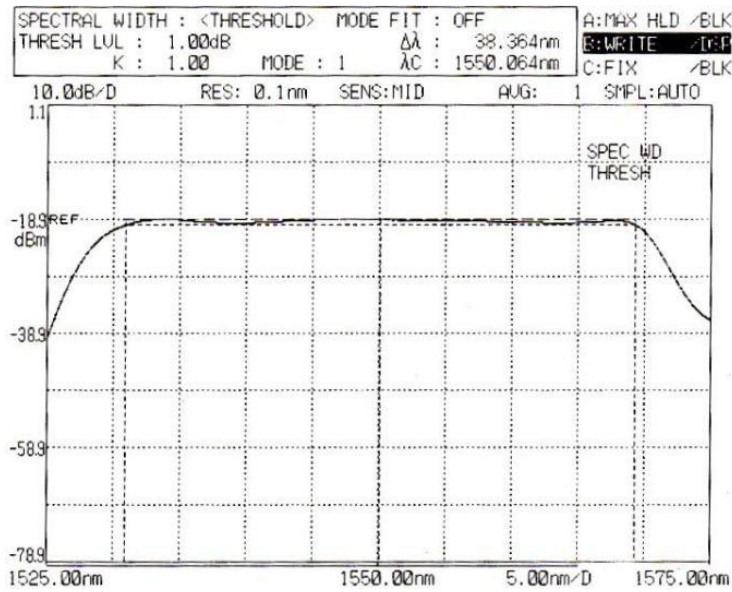
Parameters	Unit	Values	Remark
Optical Wavelength	nm	1528~1563	C band
	nm	1528~1603	C+L band
Output Power	mW	10~100	
	dBm	10~20	
Spectral Density	dBm/nm	-6~0.5	
Flatness	dB	≤ 2	C band
		≤ 3	C+L band
Output Isolation	dB	45	
Power Stability(5mins)	dB	≤ ±0.02	
Power Stability(8 hours)	dB	≤ ±0.05	
Fiber Type	-	SMF-28e	
Fiber connector	-	FC/APC	
Operation Temperature	°C	-20 ~ +65	
Storage Temperature	°C	-40 ~ +85	
Power Supply	-	AC 220V	Benchtop
		DC 5V	Module
Demension	mm	260(W)×280(D)×120(H)	Benchtop
		150(W)×125(D)×20(H)	Module

Remarks:

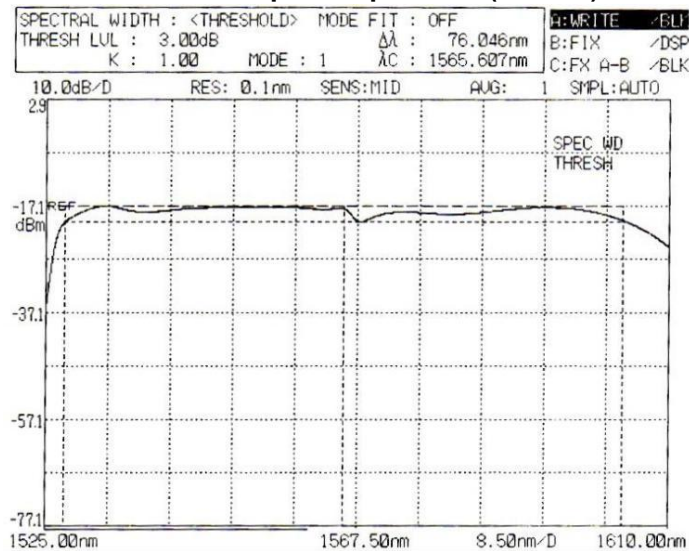
1. Wave range of central wavelength (+5 nm);
2. Output power and wavelength can be customized according to customer's needs;
3. The stability of the product was tested under the preheating condition of 23±2 C for 60 minutes.

4. Spectral curve:

C band Optical Spectrum (10dBm)



C+L band Optical Spectrum (15dBm)



5. Ordering Information:

XXX	-X	-XX	-XX	-X
ASE	C/C+L	Power	Connector	Module size
ASE Source	C: C-band L: L band C+L: C+L band	10: 10mW 20: 20mW 100: 100mW	FA: FC/APC SA: SC/APC Other	M: Module B: Benchtop