

1310nm 80mW SLD Broadband Light Source

1. Description:

The 1310nm SLD broadband light source adopts semiconductor super radiation diode technology to output broadband spectrum and has high output power. which is suitable for optical fiber sensing and other applications. Communication interface and host computer software can be provided to facilitate the monitoring of light source status.

2. Features:

- 80mW high power;
- Ultra wide spectrum;
- Low spectral ripple;
- Customizable size.



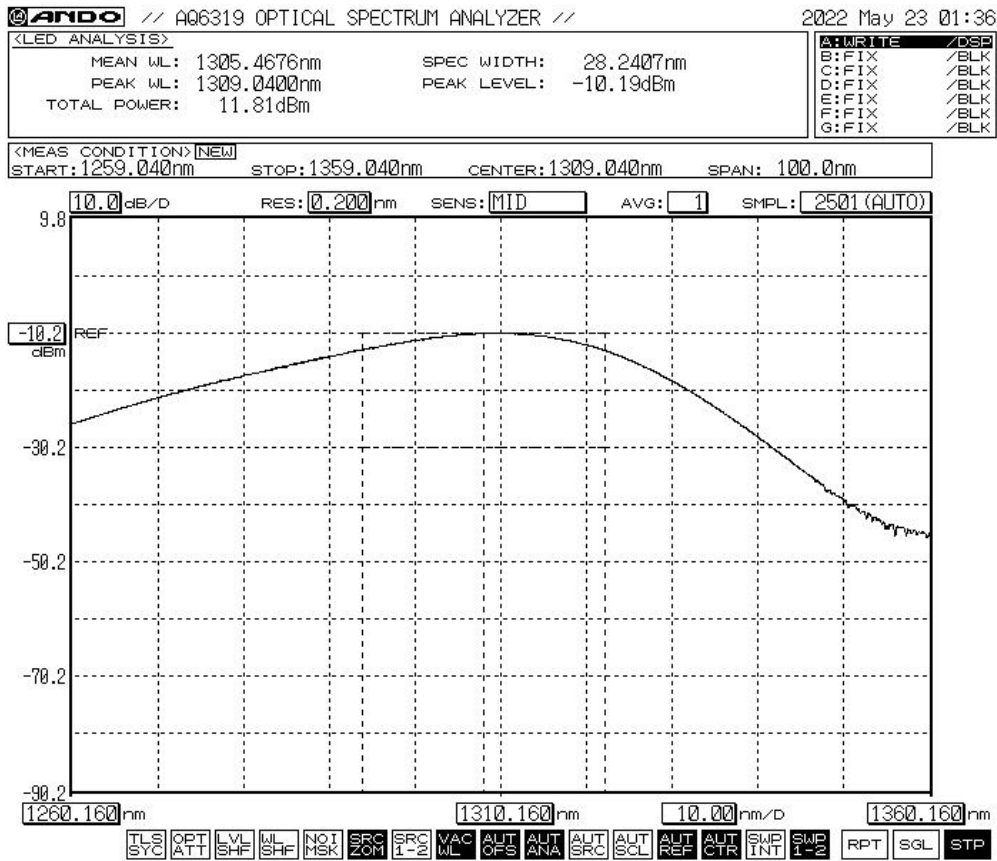
3. Application:

- Optical fiber sensing;
- Medical imaging;
- Optical fiber device test.

4. Electro-Optical Characteristics:

Parameters	Unit	Value	Note
Operating wavelength	nm	1310	±20
Output power	mW	Min. 80mW, Type100mW	Customizable
Optical isolator	dB	With	
Short-term stability	dB	≤ ±0.02/15 min	
Long-term stability	dB	≤ ±0.05/8 hours	
Fiber connector	-	FC/APC	
Fiber type	-	SMF-28e/PM Fiber	
Demension	mm	195(W)×220(D)×120(H)	Benchtop
		125(W)×150(D)×20(H)	Module
Power input	V	AC 110~240V	Benchtop
		DC 5V/4A	Module
Communication interface	-	DB9 Female(RS232)	
Operating temperature	℃	-5 ~ +55	
Storage temperature	℃	-40 ~ +85	

5. Typ. characteristic curve:



6. Ordering information:

Product	Wavelength	Output power	Fiber type	Connector	Module size
BF1310nm SLD	-XXXX	-XX	XX	-XX	-X
SLED laser source	1310: 1310nm	80: 80mW	SM: SM Fiber PM: PM fiber	FA: FC/APC SA: SC/APC Other	M:Module B: Benchtop