

## L band ASE Broadband Light Source

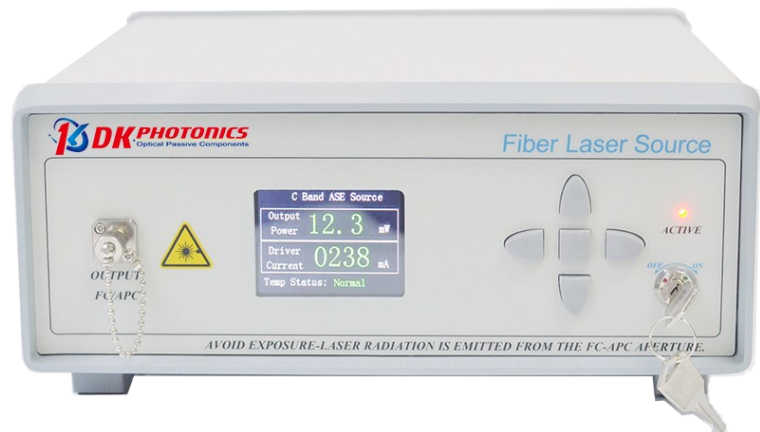
L band ASE Broadband Light Source adopts the erbium-doped optical fiber spectral flatness technology, and has a high output power, the working wavelength covers the L-band, and is suitable for applications such as optical fiber sensing. Can provide communication interface and host computer software to facilitate the monitoring of the state of the light source.

### Key Features

- Power Stability
- Spectral Flatness
- Remote Monitoring

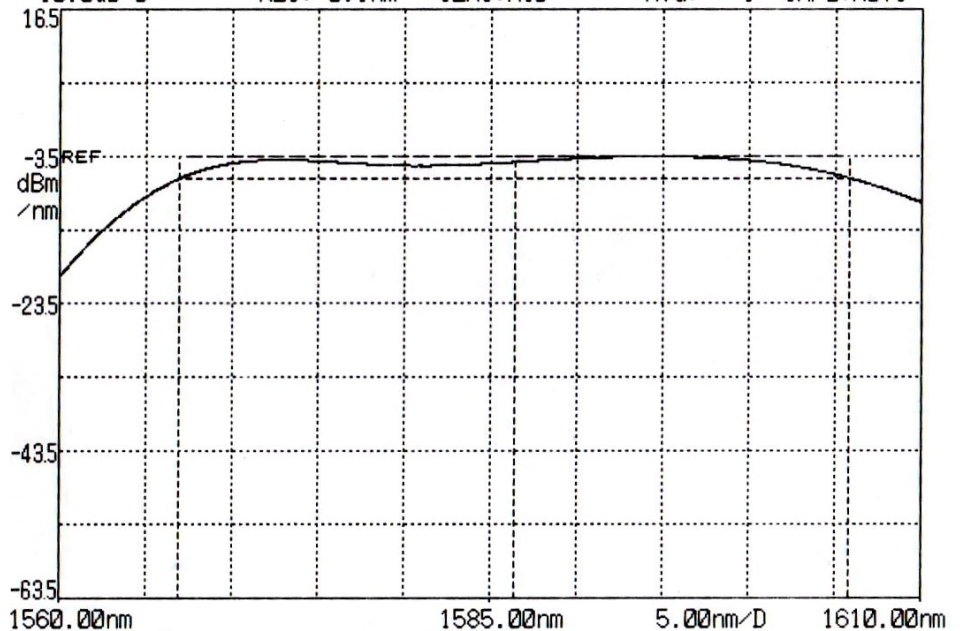
### Applications

- Fiber Sensor
- Medical Imaging
- Passive Optical Components Test



SPECTRAL WIDTH : <THRESHOLD>    MODE FIT : OFF    H:WRITE    I:OFF  
 THRESH LVL : 3.00dB     $\Delta\lambda$  : 38.822nm    B:WRITE    /BLK  
 K : 1.00    MODE : 1     $\lambda_C$  : 1586.349nm    C:FIX    /BLK

10.0dB/D    RES: 0.1nm    SENS:MID    AVG: 1    SMPL:AUTO



## For more Info

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## Performance Specifications L band ASE Broadband Light Source

Optical Parameter	Unit	Typical Values	Remark
Wavelength range	nm	1567~1603	L band
Output power	mW	10/20/50/100	Non-adjustable, power can be
*Power adjustable (optional)	-	Adjustment 10%~100%	The spectral flatness does not
Spectral flatness	dB	2 (Type), 3(Max)	
Output isolation	dB	>35	
Short-term Stability (15 Minutes)	dB	≤ ±0.02	
Long-term Stability (8 Hours)	dB	≤ ±0.05	
Degree of polarization DOP	dB	≤ 0.2	
Fiber Type	-	SMF-28	
Optical Connector	-	FC/APC	

Electrical and environmental parameters	Desktop	Module
Control Mode	Button	RS232
Communication Interface	* Optional	DB9 Female
Power Supply	100~240V AC, <30W	5V DC, <15W
Dimensions	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operation Temperature Range	-5~+55°C	
Operation Humidity Range	0~70%	

## Order information P/N: ①-②-③-④-⑤

When you inquire, please provide the correct P/N number according to our ordering information, and attach the appropriate description would be better.

①	②	③	④	⑤
ASE	Wavelength Range	Output power (mW)	Package Type	*Adjustable power (optional)
	L:L-band	10/20/50/100	M: Module B: Desktop	*T

## Ordering Information for Custom Parts

If you need to customize other specifications, please provide detailed description for your requirement.