

L band ASE Broadband Light Source

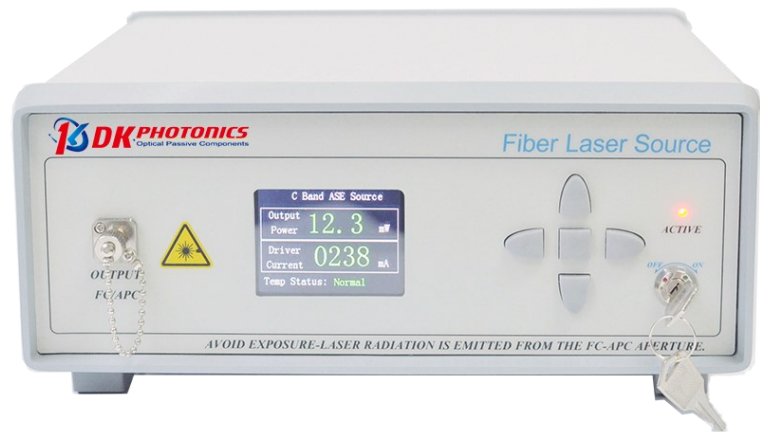
L band ASE Broadband Light Source adopts the erbium-doped optical fiber spectral flatness technology, and has a high output power, the working wavelength covers the L-band, and is suitable for applications such as optical fiber sensing. Can provide communication interface and host computer software to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

Key Features

- Power Stability
- Spectral Flatness
- Remote Monitoring

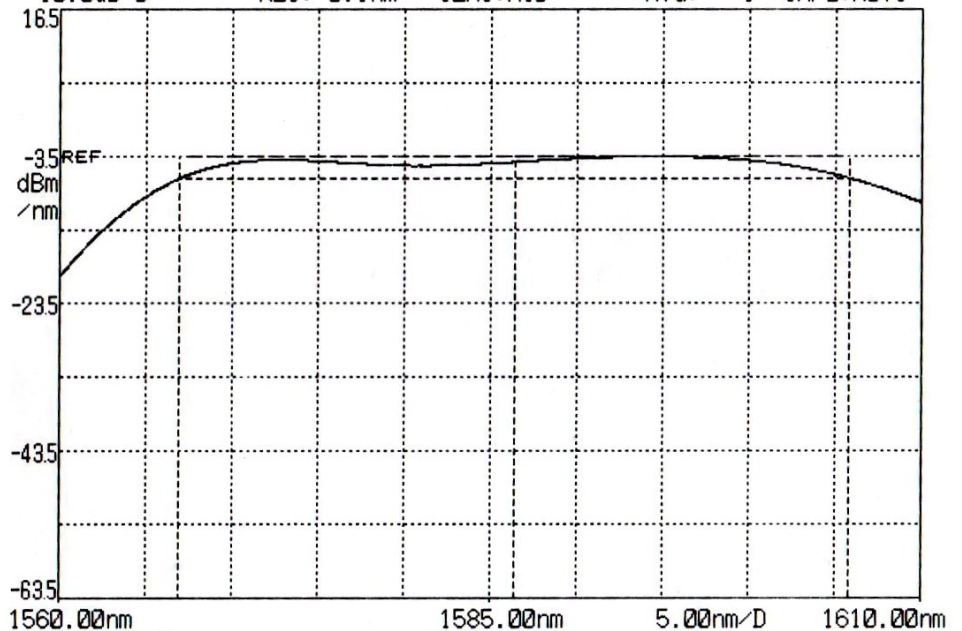
Applications

- Fiber Sensor
- Medical Imaging
- Passive Optical Components Test



SPECTRAL WIDTH : <THRESHOLD> MODE FIT : OFF H:WRITE I:OFF
 THRESH LVL : 3.00dB Δλ : 38.822nm B:WRITE /BLK
 K : 1.00 MODE : 1 λC : 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 customized
*Power adjustable (optional)	-	Adjustment 10%~100%	The spectral flatness does not change when adjusted
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.