

## C Band L Band ASE Band Laser Source

C Band L Band ASE Wide Spectrum light source is used in distributed optical fiber sensing systems, passive device testing, fiber optic gyroscopes. The internal high-stability 980 pump laser and high-performance erbium-doped fiber produce spontaneous emission ASE optical signals.

Good flatness and average wavelength stability of the output spectrum.

### Features

- High output power, high spectral flatness;
- Excellent average wavelength stability;
- Low polarization output;
- Low spectral ripple;
- Excellent reliability and stability.

### Applications

- Distributed fiber optic sensing;
- Fiber grating sensing;
- Passive device test;
- Spectral analysis.



Parameters	Unit	Mix.	Typ.	Max.
Wavelength	nm	1525	1580	1605
Output optical power	dBm	10	15	17
All temperature power stability	%	-	3	5
Fiber type	-	SMF-28e		
Connector	-	FC/APC,FC/PC,LC/PC,SC/PC or Other		
Power supply	-	DC 5V@3A Power		
Power consumption	-	<10W		
Power supply interface	-	26pin-2.0 Connector		
Communication interface	-	RS232		
Module size	mm	90x70x15		
Desktop size	mm	260x162x76		

Wavelength: Min 1525nm ,Typical 1580nm, Max 1605nm ;

Output Optical Power (dBm): Min 10, Typical 15,Max 17;

All temperature power stability: 3% , Max 5%

Fiber type: SMF-28e

Connector:FC/APC,FC/PC,LC/PC,SC/PC or Other

Power supply:DC 5V@3A Power

Power consumption:<10W

Power supply interface:26pin-2.0 Connector

Communication interface:RS232

Module size:90x70x15mm

Desktop size:260x162x76mm