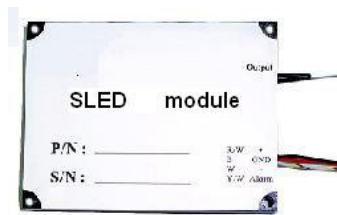


# 1310nm Optical Source, 1550nm light source



## Applications

Optical fiber sensing  
Optical fiber passive component spectrum testing  
Optical fiber grating, DWDM, filter testing  
Optical fiber measurement equipments

## Features

Selected wavelength  
High stability  
Broadband light source

## Specifications

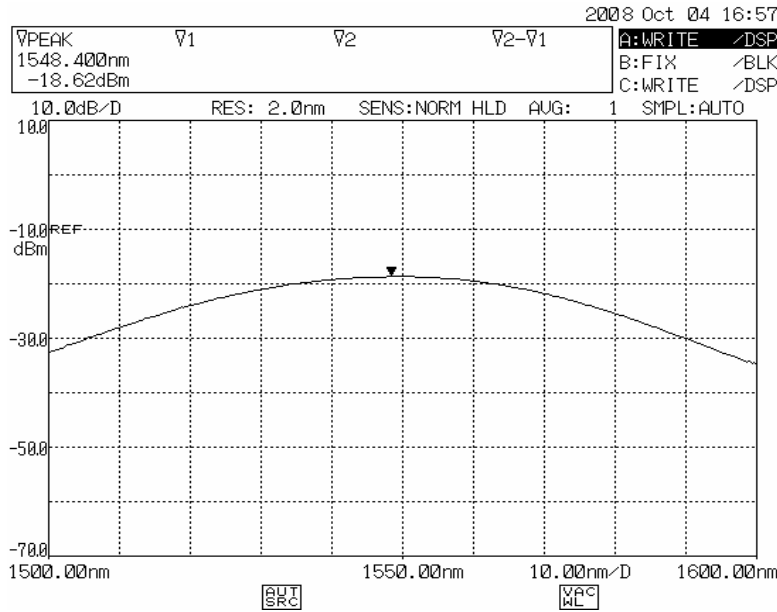
Parameters	1310 LED	1550 LED	1300 SLED	1480 SLED	1550 SLED	1620 SLED	1650 SLED
Radiation source	LED		SLED				
Central wavelength (nm)	1310±20	1550±20	1300±20	1480±20	1550±20	1620±20	1650±20
-3dB spectrum width (nm)	≥35	≥35	≥35	≥40	≥40	≥40	≥40
Output power (uW)	≥20	≥10	≥1000	≥500	≥1000	≥1000	≥500
Spectrum density stability <sup>1</sup>	≤±0.05dB/15 min						
Short term stability <sup>1</sup>	≤±0.01dB/15 min						
Long term stability <sup>2</sup>	≤±0.03dB/8 hour						
Operating mode	CW, internal modulate, external modulate						
Fiber pigtail	Single mode SMF-28						
Output connector	FC/PC, FC/UPC or FC/APC						
Operating temperature	0°C ~ 40°C						
Storage temperature	-20°C ~ 70°C						
Power supply	AC110/220V±10%, 50Hz, 20W						
Dimensions (L×W×H)	90×70×19 or 320×220×90						

Remark: Stability is tested at room temperature 25±2°C after pre-heating 30 minutes.

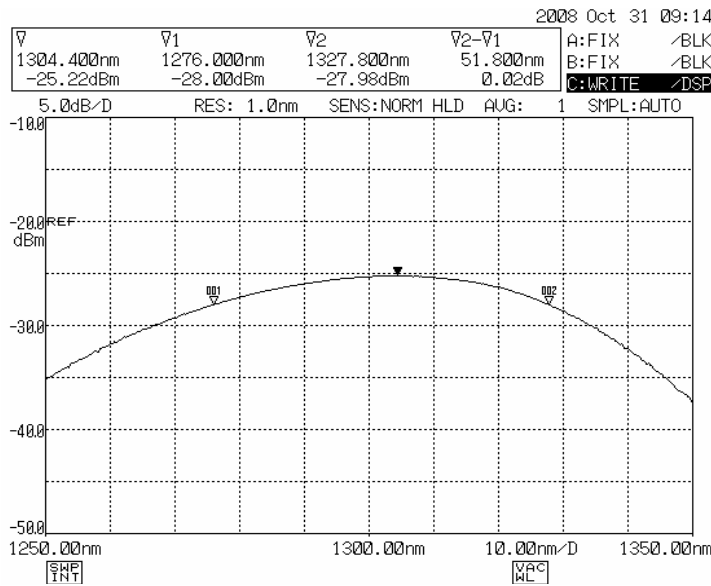
1. Test condition: fixed temperature, CW.
2. Test condition: temperature variation ±2°C, CW.



## Typical spectrum



1550nm spectrum



1300nm spectrum

## Ordering Information

OS	Type Of Laser Diode	Type	Operating Wavelength	Power	Connector
	D=DFB-LD L=LED F=FP P=Pump S=SLED M-Multi-mode	M=Module D=Desk-top	131=1310nm 155=1550nm 1315=1310 & 1550nm etc	00=0dBm 10=10dBm	FC/UPC FC/APC