850nm SLED Broadband High Stable Light Source

RoHS COMPLIANT

Applications

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

Features

Slected wavelength
High stability
Broadband light source

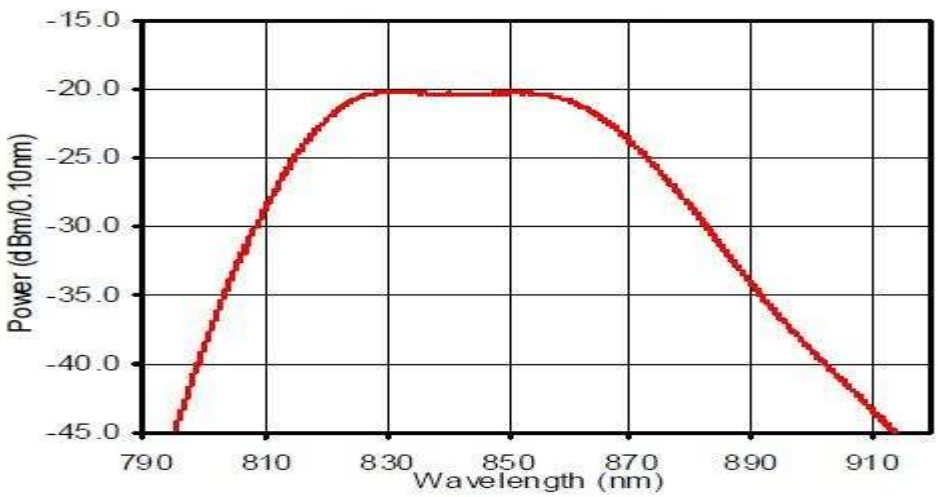
Specifications

Parameters	850 SLED
Radiation source	**SLED**
Central wavelength (nm)	850±10
-3dB spectrum width (nm)	≥60
Output power (mW)	≥5
Spectrum density stability[1]	≤±0.05dB/15 min
Short term stability [1]	≤±0.01dB/15 min
Long term stability [2]	≤±0.03dB/8 hour
Operating mode	CW, internal modulate, external modulate
Fiber pigtail	Single mode Hi780 Fiber
Output connector	FC/PC, FC/UPC or FC/APC
Operating temperature	0℃～40℃
Storage temperature	-20℃～70℃
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℃ after pre-heating 30 minutes.

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

Typical 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	85=850nm etc	00=0dBm 10=10dBm 20=20dBm	FC/PC FC/APC