1310 and 1550nm SLED Broadband Light Source

Application:

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

Features:

High output power
High stability
Broadband spectrum output

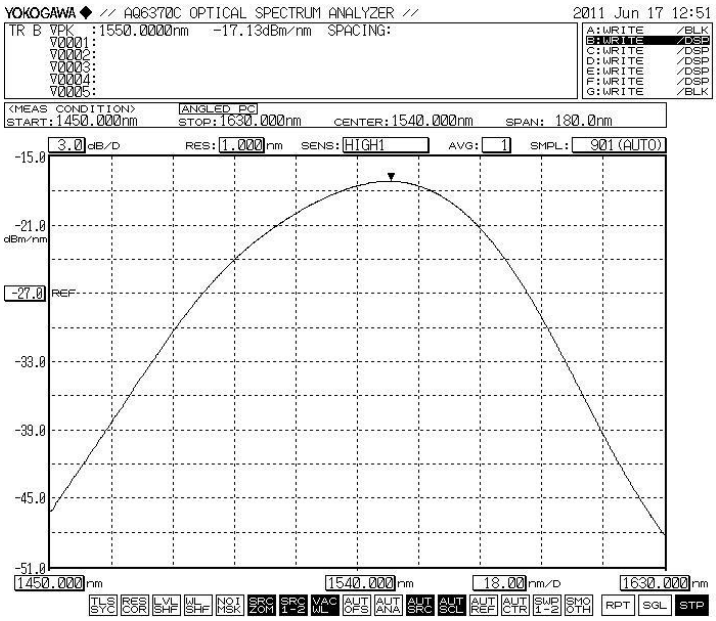
Specifications:

Parameters	**1310 and 1550 SLED**
Central wavelength (nm)	1310±10 and1550±10,etc
-3dB spectrum width (nm)	≥50, etc
Output power (mW)	1, 5, 10, 20, 30,etc
Ripple (dB)	≤0.2
Output power short -term stability[1]	≤±0.01 dB/15 min
Output power long- term stability[2]	≤±0.03 dB/8 hour
Operating mode	CW
Fiber pigtail	Single mode SMF-28
Output connector	FC/PC, FC/UPC or FC/APC,etc
Operating temperature(℃)	0 ~ 40
Storage temperature(℃)	-20 ~ 70
Power supply	110/220V AC±10%, 50Hz, 20W
Dimensions (L×W×H, mm)	90×70×19(Module), or 320×220×90(Desk-top)

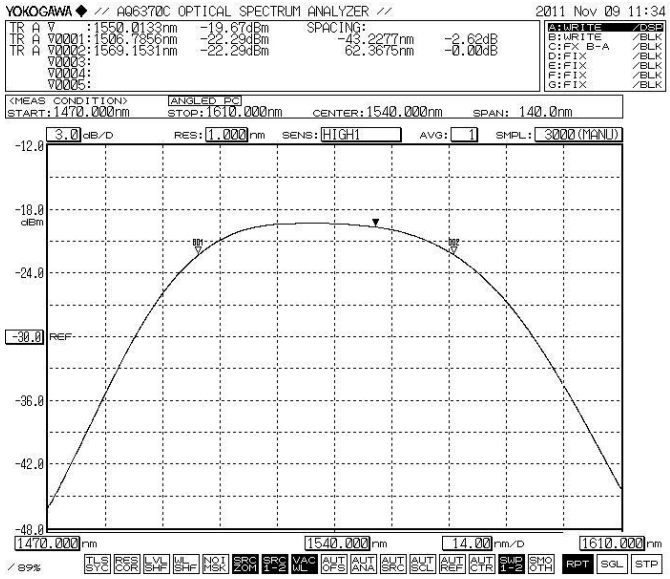
Remark: Stability is tested at room temperature 25±2℃ after pre-heating 30 minutes.

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

Typical spectrum:



2mW Output Power Spectrum



10mW Output Power Spectrum

Order informations:

OS-SLED	Type	Display	Power Adjustable	Operating Wavelength	Fiber Type	Power	Connector
	M=Module D=Desk-top	0=Without 1=With	0=Without 1=With	1310=1310nm 1480=1480nm 1550=1550nm etc	S=SM Fiber P=PM Fiber M=MM Fiber	1=1mw 10=10mw 20=20mw 50=50mw etc	FC/UPC FC/APC Etc

Note: LCD display is to display wavelength and output power.