

ASE C-Band light Source



Applications:

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

Features:

- High output power
- High stability
- Broadband spectrum output, covering

Specifications:

Parameters	ASE-C	
	GEF	GEF
Operating wavelength (nm)	1526 ~1565	1527~1566
Output power (dBm)	10.0 ~23.0	7.0~17.0

Spectral density (dBm/nm)	-20 ~-2
Spectral stability (dBm/nm)	$\leq \pm 0.005(5 \text{ min})$
Output power short-term stability (dB)	$\leq \pm 0.005 (5 \text{ min})$
Output power long-term stability (dB)	$\leq \pm 0.01 (8 \text{ hour})$
Pigtail fiber	SMF-28
Connector type	FC/PC, FC/UPC or FC/APC
Operating temperature (°C)	0 ~+65 (-20 ~+65 available)
Storage temperature (°C)	-20 ~+70
Relative humidity (%)	20~80
Power Supply	110/220V AC,+5V or +3.3V DC;>500mA; $\Delta V < 1\%$
Maximal Power Consumption	10W
Dimensions (L×W×H mm)	90×70×19, 320×220×90

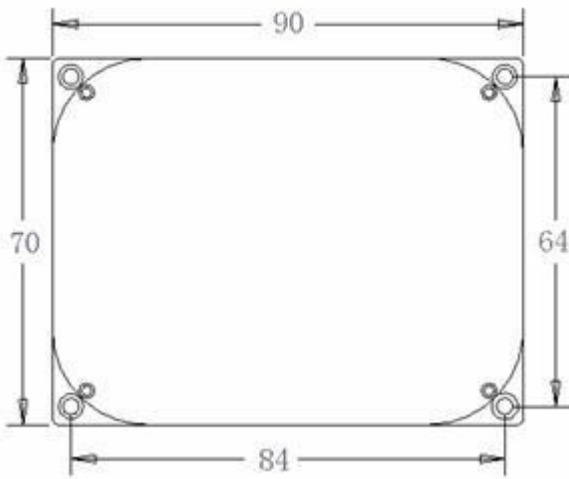
Remark: Stability is tested at room temperature $25 \pm 2^\circ\text{C}$ after pre-heating 30 minutes.

1. Test condition: fixed temperature, CW.
2. Test condition: temperature variation $\pm 2^\circ\text{C}$, CW.

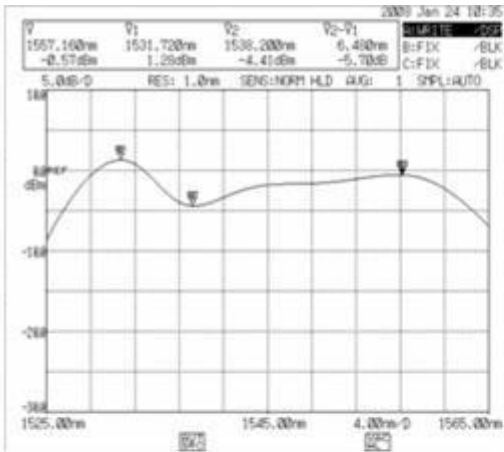
Ordering information:

ASE-C	Type	Output Power	GFF	Connector
	M=Module	10=10dBm	G=GFF	FC/UPC
	D=desk	13=13dBm		
		etc	N=Without GFF	FC/APC

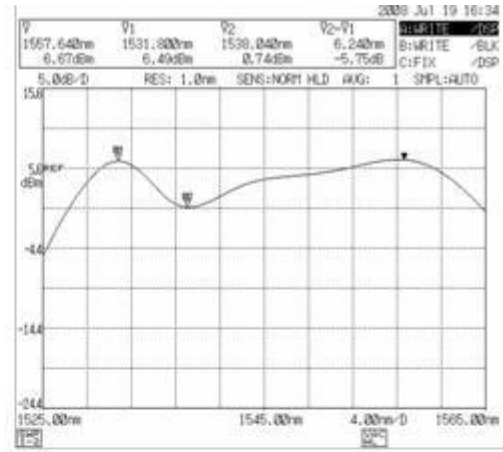
Installation of Module:



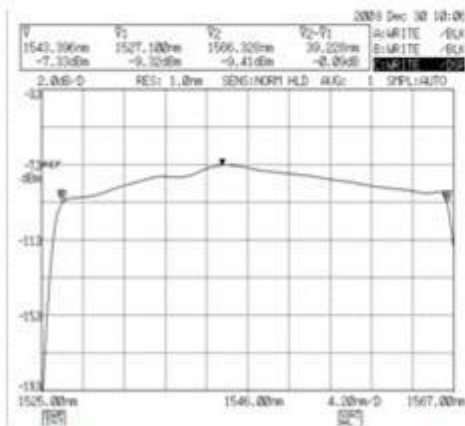
Typical Spectrum:



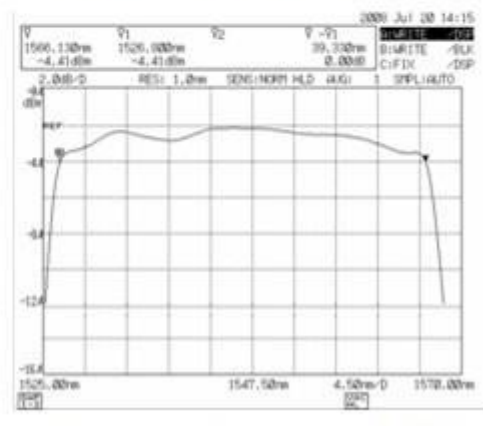
13dBm output spectrum without GFF



23dBm output spectrum without GFF



10dBm output spectrum with GFF



16dBm output spectrum with GFF