

C Band ASE Broadband Light Source C波段ASE宽带光源



Application: (应用)

FBG Optical Sensor System (FBG 光纤传感系统)
Optical Communication (光纤通信)
Optical Passive device testing (光无源器件测试)
Spectrum analyses (光谱分析)

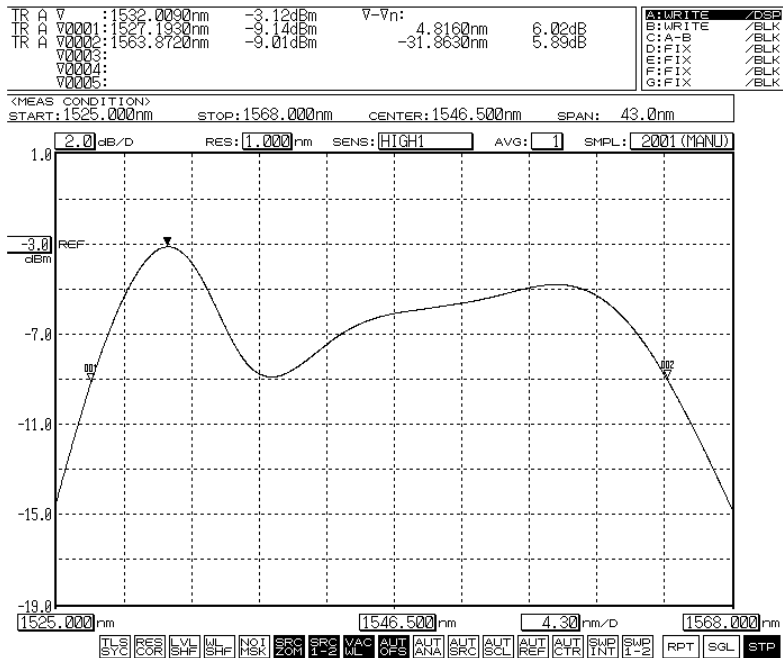
Features: (特点)

High Precision ATC and APC Control Circuit (具有高精度的ATC和APC控制电路)
High stability and reliability (高的稳定性和可靠性)
Low Flatness (平坦度小于等于1.5dB)

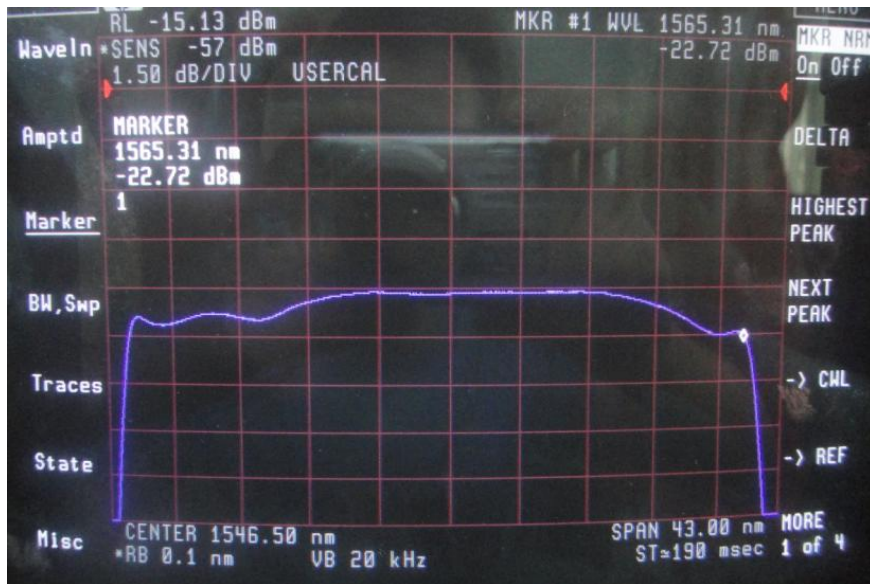
Specifications:

Parameters	ASE-C	
GFF (平坦滤波器)	//	GFF
Operating wavelength (nm) 工作波长	1525~1565	1526~1565
Output power (dBm); 输出功率	10.0 ~23	7.0~17.0
Spectral density (dBm/nm); 光谱密度	-20 ~ -2	
Output power short-term stability (dB) 输出功率短时间稳定性	≤±0.005 (5 min)	
Output power long-term stability (dB) 输出功率长时间稳定性	≤±0.02 (8 hour)	
Pigtail fiber (尾纤类型)	SMF-28 or PM Fiber	
Connector type (连接头类型)	FC/PC, FC/UPC or FC/APC	
Operating temperature (°C) 工作温度	0 ~ +65 (-20 ~ +65 available)	
Storage temperature (°C) 存储温度	-20 ~+70	
Relative humidity (%) 相对湿度	20~80	
Power Supply 电源	110/220V AC,+5V or +3.3V DC;>500mA; ΔV<1%	
Maximal Power Consumption 最大功耗	10W	
Dimensions (L×W×H mm) 尺寸	90×70×16, 100x80x20 ,322×220×88	

Typical Spectrum:



15dBm output spectrum without GFF



13dBm output spectrum with GFF ≤ 1.5 dB

Order Information:

FL-ASE-C	Type	GFF	Standard	Fiber Type	Output Power	Connector
	M=Module D=Desk-top	G=GFF N=Without GFF	Without Display Power: Without Adjust	S=SM Fiber P=PM Fiber	10=10mw 20=20mw etc	FC/UPC FC/APC etc