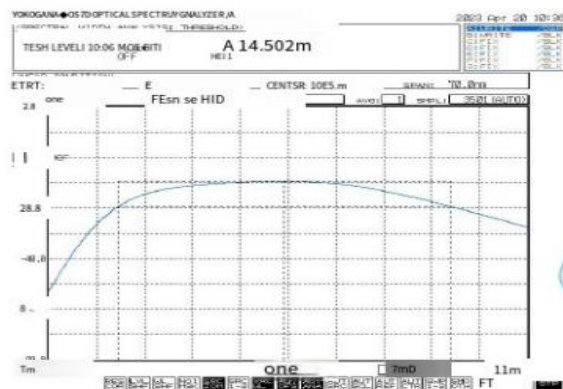


1064nm ASE Broadband Light Source

The 1064nm band ASE broadband light source is based on the spontaneous emission of ytterbium-doped fiber, with a spectral coverage of 1040~1080nm. It features high output power and good flatness. It can be used for the testing of optical fiber devices and FBG gratings, etc.



Features

- Flat spectrum
- Adjustable power
- High stability output power

Application

- Optical fiber sensing
- Medical imaging
- Optical fiber device testing

Optical indicators	unit	Typical value		Note
Central wavelength	nm	1064±2		
Spectral range	nm	1040~1080nm		@10dB
Output optical power	mW	10/20/30/50/10		
Power regulation range	dB	10%to 100%		Optional configuratio
Output port isolation degree	dB	>35		
Short-term stability(15 minutes)	dB	±0.02 or less		Equivalent≤±0.5%
Long-term stability(8 hours)	dB	±0.05 or less		Equivalent≤±1.2%
Polarization extinction ratio(PER)	dB	≤0.2	≥23	
Optical fibers and connectors	-	Hi 1060	PM980	FC/APC

Electrical and environmental parameters	Desktop	Module
Control mode	Key input/RS232 serial communication	RS232 serial communication
Communication interface	DB9 Female	DB9 Female
Power su	100~240V AC,<30W	5V DC,<15W
Pply Size	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operating temperature range	-5~+35℃	
Working humidity range	0 to 70%	

Ordering Information/Model

ASE	Central wavelength	Output power(mW)	* Adjustable power (optional)	Output pigtail type	Encapsulation form
	1010/1030/1064	10/20/30/50/10	*T	SM=Hi-1060 PM=PM980	B=desktop M=module