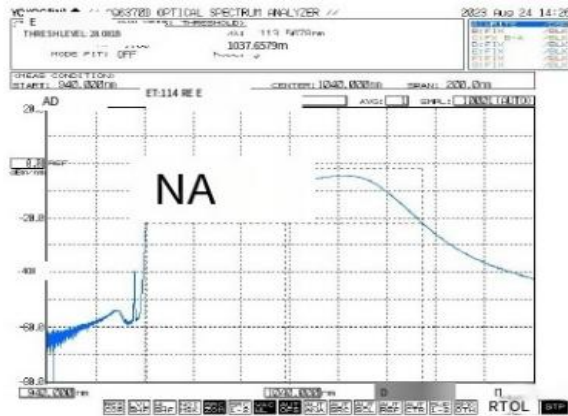


1010~1080nm ASE Broadband Light Source

The ASE broadband light source in the 1010~1080nm band is based on ytterbium-doped fiber and semiconductor pump laser. Its spectrum fully covers 1010~1080nm (20dB range covers 980~1090nm), and it features high output power and good flatness. It can be used in fiber device testing, FBG grating production, etc.



Features

- Wide spectral range
- High stability output power
- Flat spectrum

Application

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

Optical indicators	unit	Typical value	Note
Central wavelength	nm	1040±5	
Wavelength range	nm	1010 to 1090	@10dB
Output optical power	mW	20、100	The power is not adjustable
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	
Optical fibers and connectors	-	Hi1060	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	wavelength	Output power(mW)	Output pigtail type	Encapsulation form
	1010/80	20	SM=Hi-1060	B=desktop M=module