

Broadband ASE Source

BS5000

BS5000 series, a high power ASE source that offers stable output power up to 17dBm, provides a depolarized, broadband spectrum

over C band, L band or C+L band at once. It enables effective and efficient measurement required for optical passive device for DWDM application, such as evaluation of wavelength / polarization dependent loss / reflection profile. BS5000 series also provides easy-to-use manipulations and versatile functions with display window for control and monitoring.

FIBERPRO also provides customer on demand design with high quality performance.

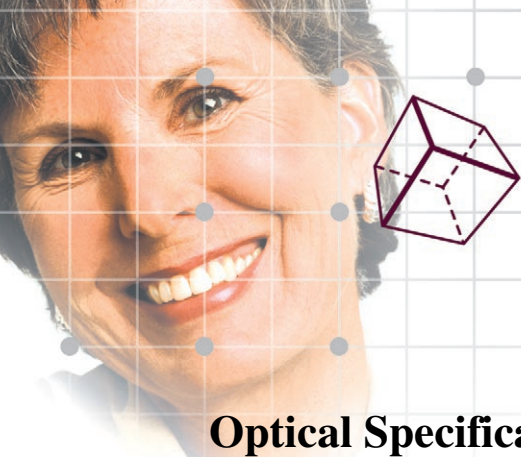


Features

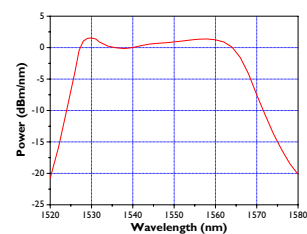
- High output power
- Stable spectral output power
- Wide wavelength range(C,L,C+L band)
- Isolated output
- GPIB & RS232 Remote Interface
- Convenient operation
- Compact size
- Flattened output

Applications

- 1. DWDM components spectral test**
- 2. Optical components tests**
- 3. Optical fiber characterization**
- 4. System compliance tests**
- 5. Optical measurement system**
- 6. Optical sensors**



Broadband ASE Source



Optical Specification

Parameter	Model		
	BS5000	BS5100	BS5200
Spectral range	1530~1565 nm or 1570~1610 nm	1530~1560 nm or 1570~1605 nm	1530~1610 nm
Output power	10~17 dBm	10~15 dBm	>13 dBm
Spectrum Flatness	< 6 dB	< 1.5 dB	<2 dB
Power stability	0.02dB@1hour		
Output return loss	>35 dB		
Optical interface	FC/SPC, FC/APC, SC/SPC, SC/APC		

Electrical Specification

Display	Output Power	dBm/mW
	Pump LD Curre	mA
	Pump LD temperature	°C
Alarm	Pump LD Temperature Alarm	
Interface	RS-232C, GPIB	
Power supply	110~230 V (50~60 Hz)	

Environmental Specification

Operating temperature	5~60 °C
Humidity	10~90%

Ordering code

BS5000

BS5000-(1)-(2)

- wavelength Range → 1530 ~1565 nm (C), 1570 ~1610 nm (L)
- Connector Type → FC/SPC (F/P), FC/APC (F/A), SC/SPC (S/P), SC/APC (S/A)

BS5100

BS5100-(1)-(2)

- wavelength Range → 1530 ~1560 nm (C), 1570 ~1605 nm (L)
- Connector Type → FC/SPC (F/P), FC/APC (F/A), SC/SPC (S/P), SC/APC (S/A)

BS5200

BS5200-(1)

- Connector Type → FC/SPC (F/P), FC/APC (F/A), SC/SPC (S/P), SC/APC (S/A)