

# ECONOMIC BROADBAND LIGHT SOURCE

## 10dBm, ASE, C-BAND

(Module without Gain Flattening Filter)

**PHOTONIK** hv

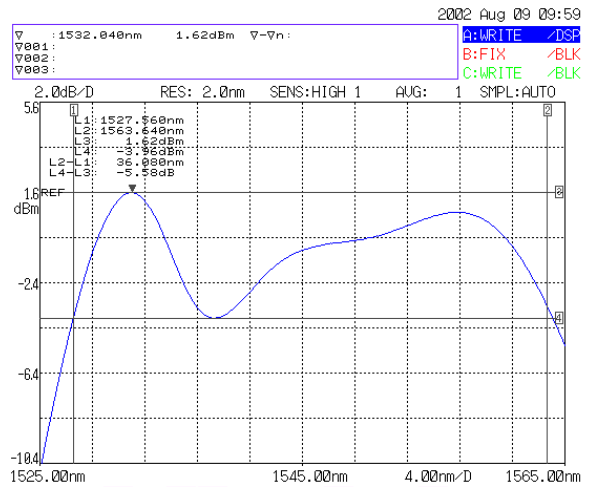
PHOTONIK SPECTRUM WORLD

### FEATURES

- Compact design & light-weight ✨
- High power output & power density ✨
- High stability ✨
- Simple user-interface standard built-in ✨
- JDSU pump laser and OFS Lucent EDF used ✨

### APPLICATIONS

- Optical fiber gyro or fiber sensor systems ✨
- Fiber grating or DWDM filter testing ✨
- R & D environment, or laboratory - experimental or educational use ✨
- Testing environment for passive fiber optic components and equipment manufacturers ✨



Typical ASE (@15dBm) Spectrum with No GFF Built-In

### GENERAL SPECIFICATIONS:

PARAMETER	UNIT	MIN	TYPICAL	MAX
Optical Wavelength	nm	1528		1563
Output Power	dBm		10	
Spectrum Flatness	dB	No Request; Per std ASE spectrum without GFF		
Power Stability	dB	± 0.005(5 min), +/-0.02(8 hrs)		
Spectrum Density	dBm	> - 9 typ.(within 1528 ~ 1563nm)		
Operation Temperature	°C	0		60
Operation Humidity	%	5		95
Storage Temperature	°C	- 40		70
Power Requirement		+ 5VDC		
Dimension	mm	Module: 150 (W) x 125 (L) x 24 (H)		

**Warranty:** 12 months standard for electronics and 24 months for pump lasers. All products are guaranteed to be free from defects in materials and workmanship for a period of one year from date of purchase. Photonik reserves the right to repair or replace defective products at our option. This warranty does not apply to failure of the product due to misuse, abuse, accident, or neglect. Our liability is limited to the price of the part or service we are providing.

Photonik reserves the rights to change product designs and specifications at any time without notice.

### Contact Information:

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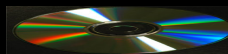
### Local Representative:



V04.03

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## DB25 ELECTRIC INTERFACE

Pin #	Pin Descriptions	Pin #	Pin Descriptions
1	+5VDC( $\pm 5\%$ )	14	Ground
2	+5VDC( $\pm 5\%$ )	15	Ground
3	+5VDC( $\pm 5\%$ )	16	Ground
4	+5VDC( $\pm 5\%$ )	17	Ground
5	Undefined	18	RS-232 Output(TTL)
6	Undefined	19	Undefined
7	Module temperature alarm(TTL)	20	Undefined
8	Output power alarm(TTL)	21	Pump laser Enable H: OFF; L: ON(TTL)
9	Pump laser current alarm(TTL)	22	RS-232 Input(TTL)
10	Pump temperature alarm(TTL)	23	NC
11	NC	24	+5VDC( $\pm 5\%$ )
12	+5VDC( $\pm 5\%$ )	25	Ground
13	Ground	--	--

**Note:** This interface is for our standard module setting, coming with all ASE modules; Users may flexibly disable some of listed functions if necessary.

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