

Features

- * Wide spectral range
- * Highly reliable and stable
- * RS-232 interface for local supervision

Applications

- * Optical test instrument
- * Fiber-optical sensing
- * Optical coherent tomography

Description

GIP Technology Wideband SLD Broadband Light Source Unit (LIS-WBLS-00-00-U) is the broadband light sources with high spectral density and excellent stability. They are ideal for the applications of fiber optical gyroscope, optical test instrument, fiber-optical sensing, and optical coherent tomography.

In addition, these units also provide a user-friendly status monitoring via an LCD display, LED indicators, and various communication interfaces (RS232).



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Specifications

Optical Information		Unit	Description	
Operation wavelength ^{*1}		nm	1400 ~ 1650	1310 ~1550
Total power ^{*1}	Typ.	mW	1	10
Spectrum power density	Min.	dBm/nm	-30	-20
Output stability	Max.	dB	0.005 ^{*2}	
			0.02 ^{*3}	
Fiber type			SMF	
Connector			SC or FC	
Electrical Information				
Operating voltage		Volt	100 ~ 240 VAC	
ON/OFF switch			Key type	
Environmental Information				
Operating ambient temperature		°C	0 ~ 40	
Storage temperature		°C	-40 ~ 85	
Relative humidity (non-condense)		%	5 ~ 85 (operating)	
Mechanical Information				
Dimension		mm	250 x 390 x 100	

*1: Other specification is available upon request

*2: @25°C, 5 minutes after 30 minutes warm up

*3: @25°C, 8 hours after 30 minutes warm up