

Features

- * Ultra-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 Ultra Wideband SLD Broadband Light Source Unit (LIS-UBLS-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).



GIP Technology Corporation

6F., No. 112, Xinmin St., Zhonghe Dist.,
New Taipei City 235, Taiwan (R.O.C.)
T:+886-2-8226-7855 www.giptek.com
F:+886-2-8226-7955 sales@giptek.com

Specifications

Optical Information		Unit	Description
Operation wavelength		nm	1250 ~ 1650
Total power	Min.	dBm	-5
Peak power density	Min.	dBm/nm	-30
Output stability	Max.	dB	0.005* ¹
			0.02* ²
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. @25°C, 5 minutes after 30 minutes warm up

*2. @25°C, 8 hours after 30 minutes warm up