

Applications

- Fiber optical sensing
- Optical tomography
- DWDM component characterization
- Optical gyroscope

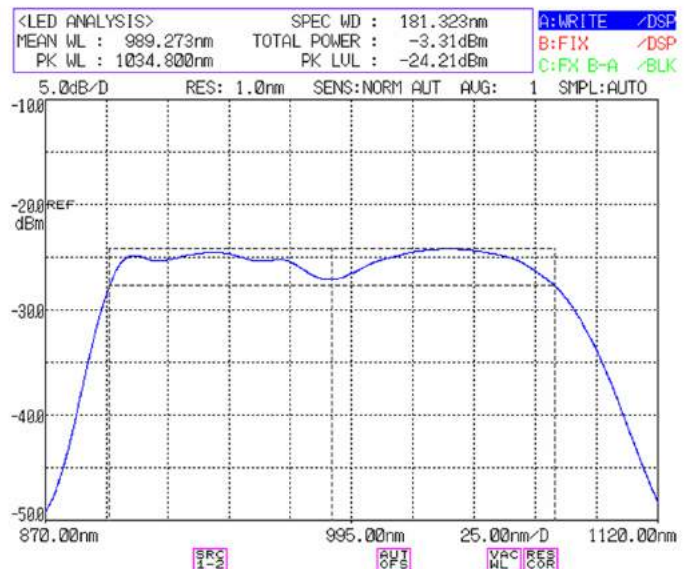


Description

Amonics' ALS-OCT super-wideband light source provides high spectral density, at above -30dB/nm, across 890nm to 1080nm. That makes this source the ideal tool for the characterization of fiber laser components. This broadband source is also extremely effective in high resolution optical coherent tomography (OCT) applications. In the benchtop unit, the output power, alarms and driving current values are shown on the LCD display. Output power can be adjusted by tuning the front panel control knob. Also active emission button is used to enhance operation safety.

Key Features

- Wide spectral range
- High output power
- Good spectral stability
- Compact size
- Good performance cost ratio
- Two year warranty



Specification

	ASLD-OCT
Output Power	Min. 1mW
Spectral Range	890nm to 1080nm
Min. Spectral Density	-30dBm/nm
Output Stability	< + / -0.02dB (over 8 hrs), < + / -0.005dB (over 5 mins)

General Environmental Parameter

Parameter	Unit	Benchtop	Module
Operation Temperature Range	°C	0 to +40	0 to +60
Storage Temperature Range	°C	-10 to +70	-10 to +70
Power Supply	V	90 – 240VAC, 47 – 63Hz	5.0VDC
Dimensions	mm	260(W) x 330(L) x 120(H)	156(W) x 210(L) x 32(H)
Electrical Connector	-	NA	14-Pin MIL Socket
Protection	-	SLD over heat warning	SLD over heat warning
LCD Display	-	SLD Driving Current (mA)	NA
Control	-	Keylock switch, output power	NA
Computer Interface	-	RS232 / Ethernet	NA
Optical Connector	-	FC/APC, SC/APC	
Optical Fiber	-	Single mode fiber	

Option:

- Output Isolation
- Benchtop or 19" Rackmount Housing



Ordering Information

Product Code	ASLD-OCT-a-bb	a: M for module, B for Benchtop bb: FA for FC/APC, FC for FC/UPC SA for SC/APC, SC for SC/UPC
--------------	---------------	---

Amonics undertakes a continuous and intensive product development to ensure its products perform to highest technical standards. As a result, the specifications in this document are subject to change without notice.

Amonics Limited, 14/F, Lee King Industrial Building, 12 Ng Fong Street, San Po Kong, Kowloon, Hong Kong
Beijing Amonics Co. Ltd. Room 902, Unit 1, NO.99 Chaoyang North Road, Beijing China 100025

contact@amonics.com www.amonics.com HK Tel: +852 2428 9723 HK Fax: +852 2428 9704 Beijing Tel: +86 10 84783386 Beijing Fax: +86 10 84783396