

## Applications

- Fiber Optical Sensing
- Optical Tomography
- DWDM Component Characterization
- Optical Gyroscope



## Description

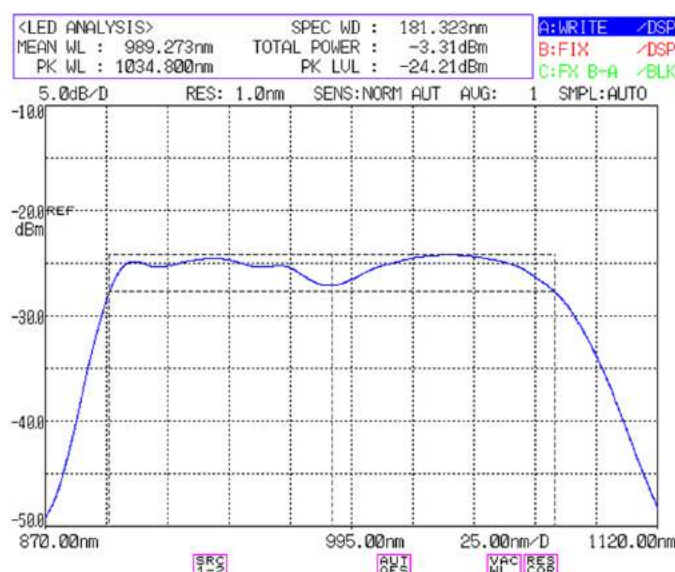
Amonics' ALS-OCT super-wideband light source provides high spectral density, above -30dB/nm, across 890nm to 1080nm. It is an ideal tool for the characterization of fiber laser components. This broadband source is also extremely effective in high resolution optical coherent tomography (OCT) applications. It is available in both benchtop and module casings.

The benchtop version incorporates a user-friendly front panel housing with a LCD monitor display, key switch, power control knob and optical connectors. RS232 or Ethernet computer interface is also equipped.

The OEM module version is an ideal building block for OEM system integration, especially in fiber optic sensing and optical tomography applications. It requires a single +5V power supply only.

## Key Features

- Wide spectral range
- High output power
- Good spectral stability
- Compact
- Good performance cost ratio
- Highly reliable and durable



## Specifications

	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 Parameters

Parameters	Unit	Benchtop	Module
Operation Temperature	°C	0 to 40	
Storage Temperature	°C	-10 to 70	
Power Supply	V	90 – 240VAC, 47 – 63Hz	5.0 VDC± 0.1 VDC
Dimensions	mm	260(W) x 330(D) x 120(H)	100(W) x 120(D) x 18(H)
Electrical Connector	-	NA	14-pin MIL Socket
Protection	-	Pump laser (TEC) overheat	
Optical Power Monitoring	-	Output power	
Mechanical Safety Control	-	Key-lock switch, BNC interlock key	NA
Remote Control Port	-	RS232 / Ethernet	NA
Optical Connector	-	FC/APC, FC/UPC, SC/APC, SC/UPC	
Optical Fiber	-	Single mode fiber	

## Option

- Output isolation



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

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