

Key Features

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

Benchtop Casing



1060nm - CW

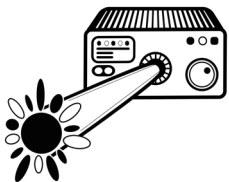
Description

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.

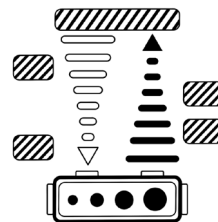
The benchtop version incorporates a user-friendly front panel housing with a LCD monitor display, key switch, power control knob and optical connectors. RS232 or Ethernet computer interface is also equipped.

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.

Application



- Optical tomography
- Optical Gyroscope
- DWDM Component characterization



- Fiber Optic Sensing



ISO 9001 : 2015
Certificate No.: CC 5346

Our product is manufactured under a HKQAA ISO 9001 certified quality management system. The ISO 9001:2015 certification applies to the Hong Kong production site only.

Specifications

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

General Parameters

	Benchtop	Module
Operation Temperature	0 to 40 °C	0 to 40 °C
Storage Temperature	-10 to 70 °C	-10 to 70 °C
Power Supply	90 – 240 VAC, 47 – 63 Hz	5.0 \pm 0.1 VDC
Dimensions	260(W) x 330(D) x 120(H) mm	100(W) x 120(D) x 18(H) mm
Electrical Connector	NA	14-pin MIL Socket
Protection	Pump laser (TEC) overheat	Pump laser (TEC) overheat
Optical Power Monitoring	Output power	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	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	Single mode fiber	Single mode fiber

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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