

Applications

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

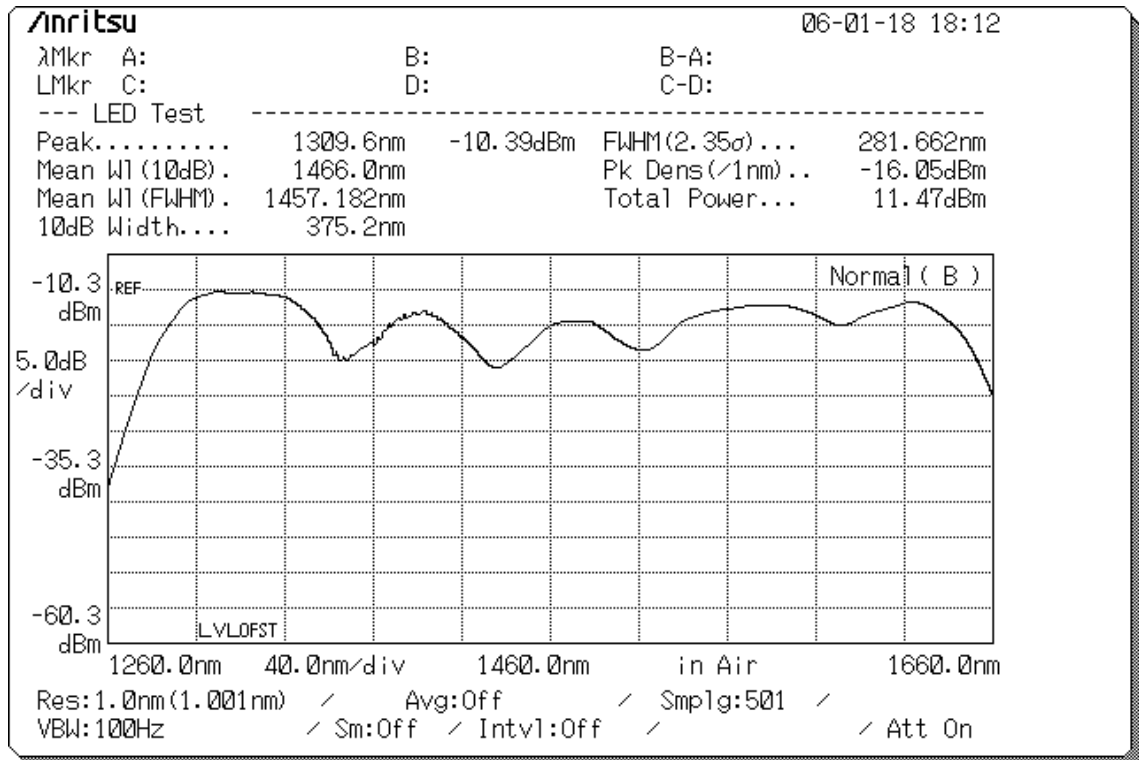
Key Features

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

Description

Amonics' ALS-CWDM super-wideband light source provides high spectral density, at above -30 dBm/nm, across 1270 nm to 1620 nm. That makes this source the ideal tool for the characterization of CWDM components and communication links in one easy step. This broadband source is also extremely effective in high resolution optical coherent tomography (OCT) applications.

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



	ALS-CWDM
Output Power	Min. 10 mW
Spectral Range	1270 nm to 1620 nm
Min. Spectral Density	-30 dBm/nm
Output Stability	< +/- 0.02 dB (over 8 hrs), < +/-0.005 dB (over 5 mins)

General Enviromantal Parameters

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	80 – 240 VAC, 43-63Hz	5.0 VDC
Dimensions	mm	250(W) x 300(L) x 100(H)	155(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	NA
Optical Connector	-	FC/APC, SC/APC	
Optical Fiber	-	Single mode fiber	

Option

- Output Isolation
- Benchtop or 19” Rackmount Housing



Ordering Information

Product Code	ASLDxx-yyy-a-bb	xx wavelength yyy: typical output power 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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