CWDM Super-Wideband Light Source

AMONICS LTD.

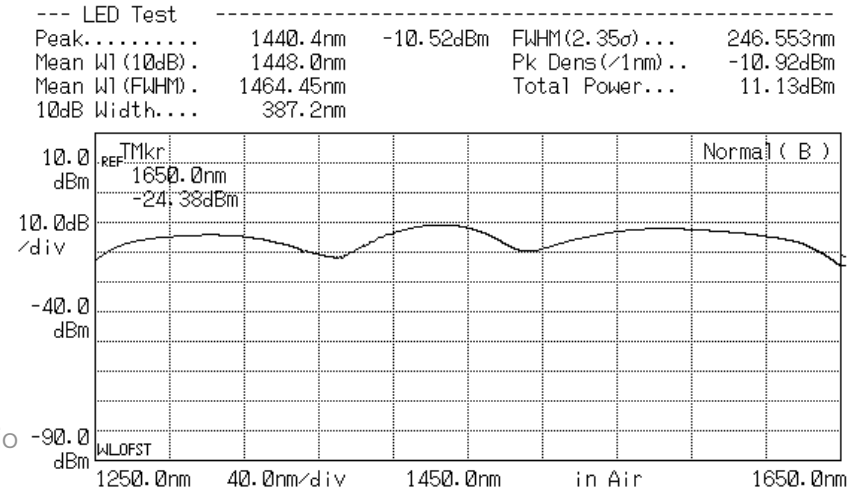
ISO 9001 : 2008
Certificate No.: CC 5346

Applications

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

Description

Amonics' ALS-CWDM Super-Wideband light source provides high spectral density, at above -30dBm/nm, across 1250nm to 1650nm. 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. 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 400nm
- High output power
- Good spectral stability
- Compact size
- Good performance cost ratio
- Two year warranty

CWDM Super-Wideband Light Source

Specifications

	ALS-CWDM
Output Power	Min. 10mW
Spectral Range	1250nm to 1650nm
Min. Spectral Density	-30dBm/nm
Output Stability	< + / -0.02dB (over 8 hrs), < + / -0.005dB (over 5 mins)

General Environmental 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	90 – 240VAC, 47 - 63Hz	5.0 VDC
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-CWDM-5-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 Limited. 14/F, Lee King Industrial Building, 12 Ng Fong Street, San Po Kong, Kowloon, Hong Kong