

## Key Features

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

Benchtop Casing



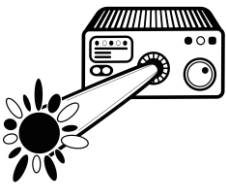
1550nm - CW

## Description

Amonics' Super C-Band ASE light source features high output power, very wide spectral range and high stability against temperature change.

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.

## Application



- Optical tomography
- 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	ALS-C-SU-23
Output Power	Min. 23 dBm
Min. Spectral Density	+2 dBm/nm
Spectral Range	1524 nm to 1572 nm
Output Stability	Max. $\pm 0.02$ dB (over 8 hrs), Max. $\pm 0.01$ dB (over 5 mins)
Output Isolation	Min. 40 dB

## General Parameters

	Value
Operation Temperature	0 to 40 °C
Storage Temperature	-10 to 70 °C
Power Supply	90 – 240 VAC, 47 – 63 Hz
Dimensions	260(W) x 330(D) x 120(H) mm
Protection	Pump laser (TEC) overheat
Optical Power Monitoring	Output power
Mechanical Safety Control	Key-lock switch, BNC interlock key
Remote Control Port	RS232 / Ethernet
Optical Connector	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	SMF-28

## Ordering Information

Product Code	ALS-C-SU-aa-b-cc	aa : Output power in dBm b : B for Benchtop cc : 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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