2µm ASE Broadband Light Source

Amonics
Specialist in Optical Amplifiers

2000nm - CW

Key Features

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

Benchtop Casing



Description

Amonics' 2µm 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



- Gas analysis
- Biomedical analysis



- Spectroscopy
- Optical component testing



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.

ISO 9001 : 2015
Certificate No.: CC 5346

2µm ASE Broadband Light Source

Specifications

Model	ALS-2000-18
Output Power	Min. 18 dBm
Min. Spectral Density	-40 dBm/nm
Spectral Range	1920 nm to 2080 nm
Output Stability @ APC mode	Max. ± 0.05 dB
Output Isolation	Min. 30 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 1950

Ordering Information

Product Code	ALS-2000-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

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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