O-Band ASE Broadband Light Source

Amonics
Specialist in Optical Amplifiers

1310nm - CW

Key Features

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

2U Half-Rack Casing



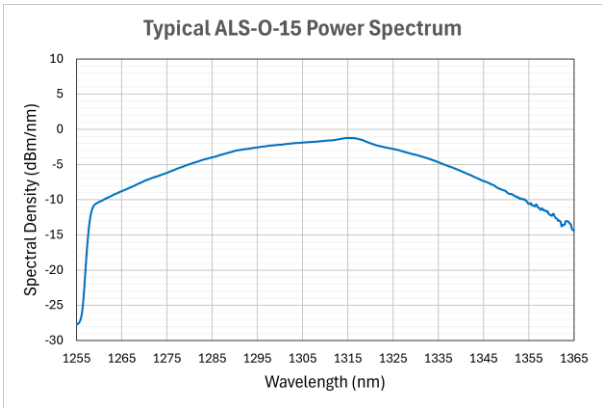
Description

Amonics' O-Band ASE broadband light source delivers high output power and a wide spectral range. Engineered with an impressive output power up to 15dBm, it is the premier choice for high-throughput silicon photonics production testing and multi-channel fiber sensing interrogation. Maximize your test efficiency and measurement precision.

Available in compact 2U half-rack or standard 2U rackmount housing, it offers flexible deployment while maintaining efficiency and stability for demanding broadband light source requirements.

Application

- Silicon photonics component testing
- CPO testing
- 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.

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Specifications

Model	ALS-O-15
Output Power	Min. 15 dBm @ 1310 nm
Min. Spectral Density	-15 dBm/nm
Spectral Range	1260 nm to 1360 nm
Output Stability	Max. ± 0.05 dB (over 1 hr)
Output Isolation	Min. 40 dB @ 1310 nm

General Parameters

	Value
Operation Temperature	0 to 40 ˚C
Storage Temperature	-10 to 70 ˚C
Power Supply	90 – 240 VAC, 47 – 63 Hz
Dimensions	2U Rackmount: 485(W) x 360(D) x 90(H) mm; 2U Half-Rack: 200(W) x 376(D) x 90(H) mm
Protection	Pump Power Protection
Optical Power Monitoring	Output power
Mechanical Safety Control	Key-lock switch, BNC interlock key
Remote Control Port	DB-9 female (RS232), Control software included, RJ-45 (TCP/IP Ethernet) (optional)
Optical Connector	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	SMF-28

Ordering Information

Product Code	ALS-O-aa-b-cc	aa : Output power in dBm b : H for 2U Half-Rack, R for 19” Rackmount 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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