Semiconductor Optical Amplifier Price List



Overview

Scroll down to see all configurations and prices. A special AWG-based high speed driver allows the user to design the nanosecond temporal shape he needs.

Key Takeaways

Semiconductor Optical Amplifiers (SOAs) typically range from a few hundred to several thousand USD depending on wavelength, power, and packaging. Price OverviewSOA prices vary widely based on wavelength range, output power, polarization dependence, and packaging. Standard single-mode SOAs in butterfly packages generally start at $300–$500 per unit, while high-power tapered or polarization-independent modules can cost $1,000–$3,000 or more.

Custom configurations, integrated drivers, or turn-key modules with pulsed or CW operation may increase the price further. Supplier Options and ConfigurationsSIMTRUM Photonics offers SOAs at 1060/1310/1450/1550/1600/1650 nm with high optical gain, low noise, and options for SM/PM fibers. Packages include 8-pin or 14-pin butterfly modules, with optional optical isolators.

AeroDIODE provides stock SOAs and integrated modules with pulsed or CW drivers, supporting narrow linewidth amplification and short pulse shaping. Prices are available per configuration on their website, with models for 1310 nm and 1550 nm, including polarization-independent versions.

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Made-in-

China lists multiple SOA suppliers offering bulk purchase options, which can reduce unit cost. Prices are typically provided upon inquiry, and suppliers often support customization for fiber type, wavelength, and packaging.

Q

Photonics / Aeon Corporation supplies SOAs covering 750–1560 nm, including C-band and O-band modules for telecom and datacom applications, with high-speed support up to 160 Gb/s. Pricing is available via direct contact or PDF quotations.

Factors Affecting Price

Wavelength and Band: O-band (1310 nm) and C-band (1550 nm) are common; mid-IR or visible SOAs are more expensive. Output Power: Higher saturation output power increases cost. Polarization Dependence: Polarization-independent SOAs are pricier than single-polarization devices.

Packaging: Butterfly, MSA, or integrated modules with drivers affect pricing. Bulk Orders: Wholesale purchases often provide discounts and customization options.

How to Obtain Prices

For accurate pricing, it is recommended to contact suppliers directly with your specifications, including wavelength, output power, fiber type, and packaging. Many suppliers provide PDF catalogs or quotation forms for detailed pricing. By comparing multiple suppliers and considering bulk or custom options, businesses can optimize cost while ensuring the SOA meets technical requirements.

Article Content

Semiconductor Optical Amplifier

We offer broadband optical semiconductor amplifiers for each wavelength range. This product is a "Semiconductor Optical Amplifier (SOA)" used as a light source for medical and industrial OCT

Semiconductor Optical Amplifiers – Buyer''s Guide

This buyer''s guide for semiconductor optical amplifiers provides technical background, comparison of major types, selection criteria, and an overview of

Semiconductor Optical Amplifiers (SOA) | NIR/SWIR

RPMC Lasers offers high-performance Semiconductor Optical Amplifiers (SOAs) in the NIR/SWIR range, featuring polarization-insensitive traveling-wave designs for

Semiconductor Optical Amplifier (SOA) | SIMTRUM Photonics Store

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SIMTRUM offers Single-Polarization Semiconductor Optical Amplifiers at 1060/1310/1450/1550/1600 /1650nm are designed by using high-quality angled SOA chips and dual lenses coupling to different

"Semiconductor Optical Amplifier Price"

Our Semiconductor Optical Amplifier Price offers exceptional quality and style within the Fiber Optic Equipment category.Identify leading distributors by their ability to offer competitive wholesale prices

Semiconductor Optical Amplifier (SOA) | SIMTRUM Photonics Store

SIMTRUM offers a wide range of full-band semiconductor optical amplifier (SOA) products, including chips, COC, butterfly types and devices, with low polarization and polarization maintaining (PM)

Semiconductor Optical Amplifier | TODAY | 750-1550

Scroll down to see all configurations and prices. A special AWG-based high speed driver allows the user to design the nanosecond temporal shape he needs. It

Buy Semiconductor Optical Amplifiers | Best wholesale prices from ...

Get price quotes for Semiconductor Optical Amplifiers. Search, find, compare and shop for Semiconductor Optical Amplifiers on FindLight. Contact suppliers directly with one click.

Optical Amplifiers

Semiconductor Optical Amplifier (SOA) - High Gain This semiconductor optical amplifier (model: SOA-CS) is a compact-size, electrically pumped, cost ef...

SOA & Raman Amplifier – Optilab

Semiconductor Optical Amplifier, 1310nm, Benchtop SOA-1310-B optilab from $4,245.00

Officetel-watcher/seen.json at main · siufuguv-hub/Officetel ...

Contribute to siufuguv-hub/Officetel-watcher development by creating an account on GitHub.

Semiconductor Optical Amplifiers (SOA) | NIR/SWIR | shop | RPMC

Shop our collection of Semiconductor Optical Amplifiers (SOA), 770-1680nm, various waveguide configurations & packages. High gain, low power draw. RPMC

Semiconductor Optical Amplifiers – SOA

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Semiconductor optical amplifiers are optical amplifiers based on semiconductor gain media. They can be used in telecom systems, for example.

Comprehensive Semiconductor Optical Amplifier Soa Market Size,

The Semiconductor Optical Amplifier Soa Market is forecast to reach USD 2.5 billion by 2033, growing at 9.8% CAGR. Learn about drivers, trends & market scope.

Optical Amplifier at Best Price from Manufacturers ...

Find Optical Amplifier manufacturers, suppliers, dealers & latest prices from top companies in India. Buy from a wide range of Optical Amplifier online.

Semiconductor Optical Amplifiers (SOA)

Explore the functioning, types, advantages, and limitations of Semiconductor Optical Amplifiers (SOA) in modern optical communications.

Optical Amplifiers – Buyer''s Guide & Supplier List | RP Photonics

This buyer''s guide for optical amplifiers provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Lecture 10: Semiconductor Optical Amplifiers

Semiconductor Optical Amplifiers (SOAs) SOA is an SC laser without mirrors Optical signal experiences gain while traveling once through device State-of-the-art amplifiers are polarization insensitive Can

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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