

Recommended Suppliers of Semiconductor Optical Amplifiers



Overview

Analysis reveals manufacturers like Zibo Hensure and Shandong Wanshuo deliver robust solutions for high-density applications, offering scalable port configurations and industrial-grade power redundancy. Shenzhen UT-King provides cost-optimized mid-range amplifiers suitable for CATV. A semiconductor optical amplifier (SOA) is a device that amplifies light using stimulated emission in a semiconductor gain medium, which is electrically pumped by a drive current. Physically, an SOA resembles a laser diode, except that to prevent oscillation (lasing), the facets of the. QPhotonics supplies a wide range of optical semiconductor devices in the 200 to 1700 nm range. ■Wavelength: Semiconductor amplifier (gain chip, SOA) from 750 to 1560 nm ■Spatial input/output type / Fiber input/output type / Spatial input with fiber output type 14-pin MSA package! Designed for. RPMC Lasers offers high-performance Semiconductor Optical Amplifiers (SOAs) in the NIR/SWIR range, featuring polarization-insensitive traveling-wave designs for efficient amplification of both monochromatic and broadband optical signals. A closed loop TEC/thermistor temperature control. Projections indicate a compound annual growth rate (CAGR) of 12% from 2024 to 2030, driven by escalating bandwidth demands across telecommunications, data centers, and emerging technologies.



Article Content

Feb 05, 2026

Optical amplifier

Find your optical amplifier easily amongst the 48 products from the leading brands (AE& T, Light Conversion, Newport, ...) on DirectIndustry, the industry specialist for your professional purchases.

Mar 02, 2026

Semiconductor Optical Amplifier

Semiconductor Optical Amplifier manufacturers, handling companies and product information Reference price is compiled here. IPROS GMS offers comprehensive B2B resources for the Semiconductor ...

Jul 24, 2026

Optical Amplifiers Manufacturers and Suppliers in the USA

Products such as photodiodes, coherent, RF and optical receivers, fibre optic modules, lab instrumentation modules, narrow band receivers and wideband amplifiers are available.

Jul 08, 2026

Semiconductor Optical Amplifiers – Buying Guide

This semiconductor optical amplifiers buying guide provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Jan 16, 2026

Semiconductor Optical Amplifier (SOA) | SIMTRUM Photonics Store

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 ...

Oct 11, 2025

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

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

Jan 20, 2026

Optical Amplifiers | Suppliers | Photonics Buyers' Guide | Photonics ...

Explore 19 top manufacturers and suppliers of Optical Amplifiers in our comprehensive photonics buyers' guide. Designs and manufactures optoelectronic components and subassemblies for satellite ...

May 12, 2026

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

With 1000s of fielded units, and over 25 years of experience, providing OEMs, contract manufacturers, and researchers with the best laser solution for their application, our expert team is ready to help!

Oct 24, 2025

Semiconductor Optical Amplifier: High-Performance Solutions

Find top-tier semiconductor optical amplifiers with C/L band operation, low noise figure, and high output power. Click to explore verified suppliers, customization options, and competitive ...

Jun 21, 2026

Semiconductor Optical Amplifier (SOA) | SIMTRUM ...

SIMTRUM offers Single-Polarization Semiconductor Optical Amplifiers at 1060/1310/1450/1550/1600 /1650nm are designed by using high-quality angled ...

May 15, 2026

Semiconductor Optical Amplifier

Semiconductor Optical Amplifier (SOA) 1410nm 1410nm, SM, PM, 14/16 dBm \$2181+
SKU: SOAB Semiconductor Optical Amplifier (SOA) C-Band 1550nm, SM, PM, 14dBm \$1250+ SKU: SOAB ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

