

Compatible High-Precision Optical Modulator Supplier in Singapore



AI Overview

Sintec Optronics, Shape Optics Technologies, Pinnacle Scientific, and Wavelength Opto-Electronic are leading suppliers of high-precision optical modulators in Singapore. Recommended Suppliers:

1. Sintec Optronics Pte Ltd Sintec Optronics offers a wide range of photonics products including electro-optic modulators (EOMs), acousto-optic modulators (AOMs), and pulse pickers. Their modulators support high-speed and high-precision applications, suitable for laser systems, LiDAR, and quantum optics. They provide end-to-end solutions including laser optics, optical components, and module assembly. Contact: +65 91904616, sales@sintec.sg, Office: 10 Bukit Batok Crescent #07-02, Singapore 658079 .
2. Shape Optics Technologies Pte Ltd (SOT) SOT specializes in custom optical design and precision photonics solutions, including high-precision optical lenses and modulators. They integrate advanced metrology and optical engineering to deliver tailored solutions for laser optics, imaging systems, and optical fibers. Services include optical design, thin-film coating, lens fabrication, and module assembly. Contact: +65 8960 0910, marketing@sot.com.sg, Prestige Centre, #09-10, 71 Bukit Batok Crescent, Singapore 658071 .
3. Pinnacle Scientific Pte Ltd Pinnacle Scientific provides integrated optical light modulators, including fiber-coupled electro-optical amplitude and phase modulators. Their devices cover wavelengths from 500 to 1600 nm, with high modulation frequencies in the gigahertz range, high optical power stability, and low modulation voltages. They also offer custom control units for pulse picking and repetition rate adjustment .
4. Wavelength Opto-Electronic Wavelength Opto-Electronic manufactures precision optical components and modulators for laser processing, imaging, and fiber optics. They provide custom optics, optical coatings,...

Article Content

Broadband Thin-Film Lithium Niobate Electro-Optic

Recently, thin-film lithium niobate electro-optical modulators have developed rapidly and have become the core solution for the next generation of

Lithium niobate intensity electro-optic modulator | Exail

Cutting-edge LiNbO₃ intensity modulators. From low frequencies to 40 Gbps / 40 GHz and for a broad range of wavelength: 800 nm, 1060 nm, 1300 nm, 1550 nm

Design of High-Speed Thin-Film Lithium Niobate

Currently, the high-speed performance of thin-film lithium niobate electro-optic modulator chips is evolving rapidly. Nevertheless, due to the

RB_Tree/Dictionary.txt at main ·

Contribute to Mahmoud5704/RB_Tree development by creating an account on GitHub.

NVIDIA GTC – The Critical Step in CPO Technology:

NVIDIA GTC 2025 – The Overlooked Critical Step in CPO Technology: Optical Engine Testing While NVIDIA GTC 2025 highlighted major

Full text of "NEW"

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A Broadband Thin-Film Lithium Niobate Modulator

Thin-film lithium niobate (TFLN) modulators, characterized by their large theoretical bandwidth, low half-wave voltage, and suitability for high-density

Ultra-broadband near

This work demonstrates a thin-film lithium niobate modulator with an 800-nm operational bandwidth covering from near- to mid-infrared region, enabling single-lane 240 Gbps and 170 Gbps

Acousto Optic Modulator

Acousto Optic Modulator to directly control the timing, intensity, and temporal shape of a laser output down to a few nanoseconds. Free space AOM Modulator.

Grandado – Always low prices

Results for "Compatible DML optical modulator supplier in Bolivia": discount \$7.60

Sintec Optronics Pte Ltd-Sintec Optronics

We, Sintec Optronics Pte Ltd, are a Singapore-based supplier of a wide range of photonics products (lasers, optical components, laser parts and relevant accessories). We provide various high-quality

A heterogeneously integrated lithium niobate-on-silicon nitride ...

Splitters are important components for many optical devices, such as electro-optic modulators, optical networks, and lasers based on reflective semiconductor optical amplifiers.

Ultracompact and large-bandwidth silicon modulator in a CMOS-compatible ...

In this work, we investigate the slow-light enhancement in an optical resonator and present a comprehensive theoretical framework for designing a resonance-based EO modulator with

Electro-optic Modulators

We offer both a standard version and a high-power version using RTP crystals to accommodate different application requirements. The standard unit uses a single crystal pair, while

Shape Optics Technologies: Your Optical Engineering Partner

Our expert team integrates high-precision optical lenses with state-of-the-art metrology to deliver high-performance results tailored to your specific requirements.

Lithium Niobate Electro-Optic Modulators

High-performance lithium niobate electro-optic modulators for phase & amplitude modulation. Engineered for defense, space, and research applications.

Electro-optic Modulators - Buyer's Guide & Suppliers

This buyer's guide for electro-optic modulators provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Optics Manufacturer | Wavelength Opto-Electronic

Wavelength Opto-Electronic is an optics manufacturer based in Singapore. We are your go to optical manufacturing company for

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Advanced Photonics Solutions

We offer an extensive range of high-performance fiber components, including a variety of Bragg grating filters, solutions for fiber lasers, optical communication,

Top Thin-Film Lithium Niobate (TFLN) Modulator

A snapshot of leading TFLN modulator companies in 2026: HyperLight Corporation: A trailblazer from Harvard, setting benchmarks in high

Electro-Optic Modulators

A high voltage amplifier suitable for driving our free-space EO modulators is available. Fiber-coupled intensity modulators for short-wavelength (830 - 1090 nm) operation are available for speeds up to

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Search for and compare optical components from manufacturers around the world, or for custom jobs we'll match you with an industry expert service provider.

Worldwide standard for optical metrology

We offer optical measurement and manufacturing systems for quality control and assembly of lenses, lens systems, camera modules.

Marvell Acquires Polariton

Marvell Announces Acquisition of Polariton Technologies, Advancing Optical Performance Scaling to 3.2T and Beyond

Contact Us

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