

# Planar optical waveguide manufacturers



## Article Overview

Key manufacturers of planar optical waveguides include Zhuhai Mojie Technology, AAC Technologies, Kunyou Optoelectronic, Greater Tech, Shenzhen Huynew Technology, Shenzhen Lochn Optics Technology, Hangzhou Guangli Technology, and NTT Advanced.

### Leading Manufacturers

- Zhuhai Mojie Technology – Specializes in planar polymer optical waveguides for AR/VR applications, providing high-transparency polymer films and integrated optical components .
- AAC Technologies – Supplies optical waveguides for augmented reality displays and optical interconnect modules, serving clients like Apple, Meta, and Microsoft .
- Kunyou Optoelectronic – Focuses on planar waveguides for AR/VR systems, offering photolithography, imprint molding, and optical polishing services .
- Greater Tech – Manufacturer of polymer-based planar waveguides with applications in head-mounted displays and optical interconnects .
- Shenzhen Huynew Technology – Provides planar optical waveguides and related photonic components for consumer electronics and AR devices .
- Shenzhen Lochn Optics Technology – Offers custom planar waveguide solutions, including film preparation and optical performance testing .
- Hangzhou Guangli Technology – Produces planar polymer waveguides for AR glasses and optical interconnect modules .
- NTT Advanced – Japanese company delivering high-precision planar waveguides and integrated photonic devices .

### Market Overview...

## Article Content

Planar Optical Waveguides | Springer Nature Link

Recent advances in opto-electronics and electro-optics have opened the infrared and visible part of the electromagnetic spectrum for

Optical Waveguide Systems

All contact information of listed Optical Waveguide Systems manufacturers, traders, suppliers and dealers are freely available to all

Optical Waveguides: A Detailed Look at Their Design and

Explore the fundamentals of optical waveguides and their pivotal role in modern photonics. Learn about different types of

Chapter 2: Planar Optical Waveguides | GlobalSpec

Planar optical waveguides are the key devices to construct integrated optical circuits and semiconductor lasers. Generally,

Top 100 Waveguide Manufacturers in 2026 | ensun

Waveguides are structures that direct electromagnetic waves, typically in the microwave and optical frequencies. They serve as a

13 Waveguide Manufacturers in 2026

13 Waveguide Manufacturers in 2026 This section provides an overview for waveguides as well as their applications and principles.

The Role of Planar Waveguides in Sensing Applications

Key Takeaways Optical sensors can be classified into two main types: fiber optic sensors and planar waveguide sensors. Planar

Progress in Planar Optical Waveguides | Springer Nature Link

A novel symmetrical metal-cladding waveguide structure is proposed and systematically investigated for several issues of interest,

Planar Waveguides – slab waveguides

Active planar waveguides are used to create devices like high- gain optical amplifiers and waveguide lasers. They can generate high

Planar Waveguides – Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for planar waveguides provides technical background, comparison of major types, selection criteria, and an

Planar Lightwave Circuits (PLCs)

Abstract Planar lightwave circuits (PLCs) provide various important devices for optical WDM, TDM systems, subscriber networks and

Optical integration through planar lightwave circuits

Overview Planar lightwave circuit (PLC) technology, originally developed for low-cost optical access products, is now being applied to

Low-loss optical waveguides made with a high-loss material

Planar waveguides with low loss that are fully compatible with existing photonic circuit fabrication techniques are missing.

Planar Waveguides

Planar Waveguides Optical signal transmission via fiberglass waveguides revolutionized telecommunication over long distances. The

13 Waveguide Manufacturers in 2026

This section provides an overview for waveguides as well as their applications and principles. Also, please take a look at the list of 13

Optical Waveguides

Optical waveguides are planar dielectric structures with a core surrounded by cladding material. The ideal waveguide has low loss

Planar waveguide devices | Laser Focus World

Avantier is a vertically integrated leader in high-precision custom optics, delivering end-to-end solutions for complex optical

Planar Waveguides and other Confined Geometries

This book provides a comprehensive overview of the theoretical concepts and experimental applications of planar waveguides and

Top 100 Waveguide Manufacturers in 2026 | ensun

Optical Waveguides These waveguides are specifically designed for guiding light and are commonly found in fiber optic cables.

Global Planar Polymer Optical Waveguides Market 2025 by

Chapter 2, to profile the top manufacturers of Planar Polymer Optical Waveguides, with price, sales quantity, revenue, and global

Planar Waveguide

Planar waveguide lasers are a special class of laser where light is confined to a waveguide. They have distinctive advantages that

## Waveguide Manufacturers

Waveguides are structures that guide electromagnetic waves, such as light or microwaves, along a desired path. The leading

Comprehensive Guide to Optical Waveguides: From Fundamentals to ...

A wide variety of manufacturing methods are used for optical waveguides, resulting in diverse process flows. Process choices such

Production of an optical waveguide in planar glass substrate fabricated ...

While Bragg gratings are routinely patterned within optical fibers using the point-by-point or line-by-line technique, the objective of our

Waveguides – optical fiber, fabrication, modes, nano optics, plasmonics

An optical waveguide is a structure used to guide light, typically by confining it within a core material with a higher refractive index

## Planar Waveguides

As photonics technology continues to evolve, planar waveguides are likely to remain a key component, driving innovations in optical

## Contact Us

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