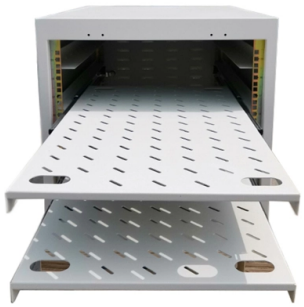
Optical Receiver Supplier



Overview

Optical Receiver Selection Guide Our optical receivers and detectors make photodetection easy and provide the lowest noise and cleanest response possible.

Key Takeaways

Top optical receiver suppliers include Discovery Semiconductors, Newport Corporation, Fermionics Opto-Technology, and Thorlabs, offering a range of photoreceivers for fiber optic communication and research applications.

Leading Suppliers

Discovery Semiconductors: Based in Ewing, New Jersey, they manufacture optical photodetectors and receivers for digital communication, including photodiodes, RF and optical receivers, fiber optic modules, narrow-band receivers, and wide-band amplifiers, supporting signal detection, amplification, and transmission. Newport Corporation: Offers a broad portfolio of optical receivers and photonics solutions for research, industrial, and telecommunications applications.

Fermionics Opto-

Technology: Specializes in high-performance optical receivers for data communication and measurement systems. Thorlabs: Provides ultrafast fiber optic photoreceivers, including multimode and single-mode fiber-coupled receivers with wide wavelength ranges.

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Their RX

M Series features hermetically sealed microwave detector modules, differential RF outputs, and custom OEM options.

Additional Suppliers and Distributors

Other notable suppliers include Precision Optical Transceivers, E. C. I.

Networks, Applied Optoelectronics, Inc. (AAOI), and GrenTech, which focus on optical transceivers and networking equipment compatible with high-speed data transmission and cloud or telecom networks. These companies often provide customized solutions, fast delivery, and technical support for integration into data centers and enterprise networks.

Applications

Optical receivers are essential for converting optical signals into electrical signals in fiber optic communication systems, enabling high-speed data transfer in telecommunications, data centers, healthcare, broadcasting, and industrial automation. They typically include a photodetector, preamplifier, filter, clock circuitry, and output circuitry to ensure high sensitivity, low noise, and long-distance signal transmission. Choosing a SupplierWhen selecting an optical receiver supplier, consider: Performance specifications: Wavelength range, bandwidth, sensitivity, and noise levels.

Application compatibility: Single-mode vs. multimode fiber, data rate requirements.

Customization and OE

M support: Availability of tailored solutions for specific systems. Global distribution and support: Access to technical support and fast delivery for your region. These suppliers provide a mix of commercial, research, and industrial-grade optical receivers, making them suitable for a wide range of applications in modern optical communication networks.

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Article Content

Optical Receiver Selection Guide

Our optical receivers and detectors make photodetection easy and provide the lowest noise and cleanest response possible. Our broad offering spans wavelength ranges from UV to short-wave IR

19 Optical Receiver Manufacturers in 2026

This section provides an overview for optical receivers as well as their applications and principles. Also, please take a look at the list of 19 optical receiver manufacturers and their company rankings.

Optical Receivers

Professional optical receivers for fiber optic networks. Polytron devices for converting fiber signals to RF - SAT, TV and data distribution solutions.

Ultrafast Fiber Optic Photoreceivers

While single mode receivers are intended for use with single mode fiber patch cables, our multimode receivers are designed to accept input from multimode or

Welcome to Discovery Semiconductors

Discovery Semiconductors'' offers 20+ different Photodiodes and Photoreceivers for your Shortwave Infrared (SWIR) space missions to LEO, GEO, Moon, Mars, and beyond, for applications such as

Optical Transceiver Market: Top 10 Manufacturers Ranked

Optical transceiver market leaders: the top 10 manufacturers powering 400G and 800G modules for hyperscale data centers and AI networking.

Optical Receiver Suppliers, Optical Receiver Manufacturers and ...

This page is your optical receiver one-stop source for the competitive prices and quality from sewing machine suppliers and manufacturers. If you have a difficulty finding a right supplier, post your

Firecomms | Official Website

Firecomms is a global leader in the provision of fiber optic solutions and optical transceivers, skillfully combining state-of the-art compound and silicon

Find & Compare Optics | Photonics Services

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.

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Optical Receiver

Optical Receivers We know that high speed photodetection is critical to extracting and preserving your experimental results. We strive to make photodetection simple while delivering the lowest noise and

Receiver Modules Fibre Optic Transmitters, Receivers, Transceivers

Receiver Modules Fibre Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Receiver Modules Fibre Optic

Top Optical Transceiver Manufacturers Market Analysis

Verified Market Research evaluates the leading optical transceiver manufacturers of including market share, VMR sentiment scores, and industry

34 Optical Transceiver Manufacturers in 2026

34 Optical Transceiver Manufacturers in 2026 This section provides an overview for optical transceivers as well as their applications and principles. Also, please take a look at the list of 34 optical

Fibre Optic Receivers | Farnell Nederland

Koop Fibre Optic Receivers. Farnell Nederland biedt snelle offertes, verzending op dezelfde dag, snelle levering, ruime voorraad, datasheets en technische ondersteuning.

Optical Transmitter and Receiver Manufacturer

GRAND technology starts the optical transmitter and receiver business with military applications. Four types are available, control optical transceiver, video optical transceiver, Ethernet optical transceiver,

Find & Compare Optics | Photonics Services

Largest Database of Optics and Photonics Products and Solutions MEETOPTICS is the world''s largest database of photonics products and custom solutions,

Top 100 Optical Transceiver Manufacturers in 2026

As a professional optical transceiver manufacturer, GrenTech offers the best-in-class SFP communication solutions that transfer, receive, and switch high-speed

Optical Receiver

An ''Optical Receiver'' is a device that detects and converts the light received from a transmitter into an electrical signal. It consists of a photodetector and an amplifier, which work together to minimize

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

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