

What brands of optical-to-electrical converters are available



Overview

Optical-electrical converter Find your optical-electrical converter easily amongst the 20 products from the leading brands (Eoptolink, AMOtronic, Maisvch).

Key Takeaways

Several leading brands manufacture optical-to-electrical converters, including Terahertz Technologies, Optech Technology, AJA Video Systems, Quantifi Photonics, Maisvch, CRE TECHNOLOGY, and MPL.

Key Brands and Manufacturers

Terahertz Technologies Inc. – Offers high-performance optical converters suitable for communication and research applications, known for precision and reliability. Optech Technology Co., Ltd – Specializes in optical media converters bridging electrical and optical signals for LAN and fiber networks.

AJ

A Video Systems, Inc. – Provides optical-to-electrical converters for video and broadcast applications. Quantifi Photonics – Produces broadband optical-to-electrical converters with up to 50 GHz bandwidth, available in benchtop or PXIe form factors, supporting AC/DC coupling and multiple channels. Maisvch, CRE TECHNOLOGY, MPL – Featured on DirectIndustry, these brands offer industrial-grade optical-electrical converters for professional and laboratory use.

Features and Applications Optical-to-electrical converters, also called optoelectronic converters, are used to convert optical signals from fiber networks into electrical signals for devices that operate electrically. They are widely applied in: Telecommunications and LAN systems – Connecting optical fiber lines to electrical networks. Research and development – Measuring photonic integrated circuits and high-frequency optical signals.

Broadcast and video systems – Converting optical video signals to electrical formats for processing. Converters vary in bandwidth, channel count, coupling type, and wavelength range, allowing users to select models tailored to specific communication, measurement, or laboratory needs. These brands represent a mix of industrial, research, and commercial solutions, providing options for both high-performance laboratory setups and large-scale network deployments.

Article Content

Optical-electrical converter

Find your optical-electrical converter easily amongst the 20 products from the leading brands (Eoptolink, AMOtronics, Maisvch, ...) on DirectIndustry, the

Optical to Electrical Converter Manufacturers

18 Optical to Electrical Converter manufacturers listed. Optical to Electrical Converter, also known as an optoelectronic converter, is an electronic device that converts optical signals into electrical signals.

25 Optical Converter Manufacturers in 2026

This section provides an overview for optical converters as well as their applications and principles. Also, please take a look at the list of 25 optical converter manufacturers and their company rankings.

Optical to Electrical Converters

Optical to Electrical Converter, also known as an optoelectronic converter, is an electronic device that converts optical signals into electrical signals. Optical to Electrical Converters from the leading

Optical-to-Electrical/Electrical-to-Optical Converters

Explore 17 top manufacturers and suppliers of Optical-to-Electrical/Electrical-to-Optical Converters in our comprehensive photonics buyers' guide.

Optical to electrical converters.

High bandwidth, broadband optical to electrical converters available in a range of configurations. Choose from 1 or 2 channels, AC or DC coupling and various conversion gain and operating wavelength ranges.

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 to Electrical Converters

Get the best O/E Converters from Trend Networks. Compact size, 6-8 weeks delivery, 400 nm to 1700 nm wavelengths & bandwidth up to 12 GHz. View our

Optical to Electrical Converter

These O/E converters are ideal solutions for characterizing or troubleshooting high-speed optical signals in the system level testing. When used with the Infiniium V or Z series 33 GHz oscilloscope, the

Optical-to-Electrical Converters

O2E 1000-1400 Series Optical-to-Electrical Converters For measurements in laboratories and manufacturing, optical signals often need to be converted to

Optical to Electrical Converters

41 Optical to Electrical Converters from 7 manufacturers listed on GoPhotonics. Search by specification. Selected filters - Country : global, Fiber Mode : Single Mode, Page-1

What is an Optical to Electrical Converter?

An optical-to-electrical converter is the main component for designing optical instruments. As the name suggests it is a modulating device that converts incoming optical signals from a laser

Electrical to Optical Converters

Electrical to optical converters (EOC) work on the principle of electro-optic modulation. The electrical input signal is converted into a corresponding optical signal using various modulation techniques

How do optical to electrical converters function in fiber optics?

Explore the working of optical-to-electrical converters in fiber optics. Discover how photons are transformed into electrical signals for high-speed data transmission.

Optical-to-Electrical Converters

The P6700 Series O/E converters are ideal for optical source characterization in the development, manufacture or service of optical communication systems and devices. Small, conveniently

OPTICAL TO ELECTRICAL CONVERTER

Optical-to-Electrical Converter High bandwidth, broadband O-to-E converter. Available in a range of configurations; choose from 1 or 2 channels, AC or DC coupling and various conversion gain and

InforEuro, the exchange rate of the Euro currency

For each currency, the converter provides the historic rates of conversion against the euro (or, until December 1998, against the ecu). These exchange rates are available in electronic format from

Model 912

The family of Focal™ 912 Optical/Electrical/Optical (OEO) converters provides a wide range of optical conversion solutions. Moog's family of low latency Optical/Electrical/Optical (OEO) converters

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

