

Electro-optical converter module

At the heart of the module that converts RF signals to light is a laser diode. The basic principle is direct modulation of the incoming RF signal onto the output of the laser diode.

This module combined with GFT201 (Optical to Electrical Converter) is ideal to transmit pulses/triggers to remote location up to 1 Km and when the critical pulse has high common voltage with respect to ...

The MATRIQ series provides the same high-performance test capabilities of our PXIe modules in an compact benchtop design. MATRIQ instruments are simple to setup and easy to operate, making ...

The OP710-ANX incorporates individual channels of optical to electrical (O/E) converters and is an easy-to-implement multichannel O/E converter for applications such as detecting and monitoring optical ...

Moog Protokraft designs and manufactures miniaturized, lightweight electro optical converters to extend the link length of typical high speed signals in harsh environments, such as military, avionics and ...

The N7005A Optical-to-Electrical Converter is a high-sensitivity photodetector module for optical-to-electrical conversion of optical signals into oscilloscopes.

Thorlabs" Calibrated Electrical-to-Optical (E-O) Converters generate optical signals from electrical inputs. One of the primary applications of an E-O converter is enabling electrical-to-electrical (E-E) test ...

The frequency response characterization of these electrical-to-optical (E/O, modulators sometimes integrated with lasers) and optical-to-electrical (O/E, photo detectors and receivers) converters can ...

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.

Design requirements Modern optical module designs often require: Reduced power consumption to control and limit module temperature rise. Dynamic and precise control of laser diodes to regulate ...

This converter act as an interface between electronic systems that generate electrical signals and optical systems that transmit and receive data using light. The electrical-to-optical ...



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