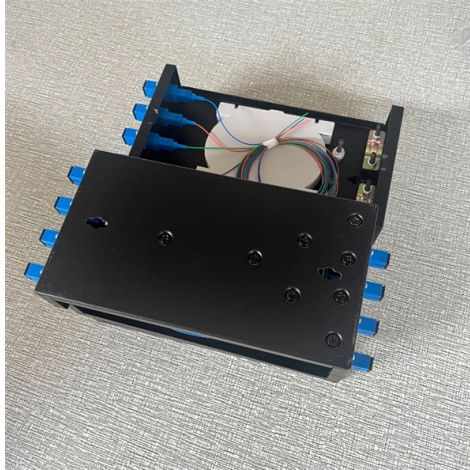


Spectrum Analyzer Intensity



Overview

An optical spectrum analyzer uses reflective or refractive techniques to separate out the wavelengths of light. An electro-optical detector is used to measure the intensity of the light, which is then normally displayed on a screen in a similar manner to a radio- or audio-frequency spectrum analyzer. The input to an optical spectrum analyzer may be simply via an aperture in the instrument's case, an. OverviewA spectrum analyzer measures the magnitude of an input signal versus frequency within the full frequency range of the instrument. The primary use is to measure the power of the spectrum of known and. analysis was first used by in the late 1600s. In a letter to the, he described how he used an optical prism to separate white light into its constituent colors. Spectrum a. Spectrum analyzer types are distinguished by the methods used to obtain the spectrum of a signal. There are swept-tuned and fast Fourier transform (FFT) based spectrum analyzers: • A.



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