

## High-precision optical attenuators for power grid private networks



### Overview

The attenuators consist of a set of collimating and focusing optics and a central baseplate containing the filter. The expanded beam design permits higher power handling than plug style attenuators. The filters themselves can be either permanent (ND-11 series) or removable. The NanoSpeed™ Variable Optic Attenuator family features ultra-fast sub-millisecond response, non-mechanical high reliability, and a wide operating temperature range from -50°C to +90°C. These operate by collecting and collimating light from an input fiber and then reflecting this light off of an ultra-stable and reliable, single-axis DiCon MEMS mirror. The GAO's variable optical attenuators are devices that combines the functionalities of a variable optical attenuator with testing capabilities.

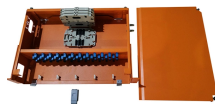
## High-precision optical attenuators for power grid private networks



GAO Tek offers a selection of fiber optical attenuators and variable optical attenuators that are both handheld and rugged.



These pigtail-style attenuators provide mode independent fixed attenuation when used with multi mode fibers. The insertion loss will not depend on how the light is launched into the fiber. This is a ...



The NS Series Variable Optical Attenuators are designed to meet the most demanding operation requirements of ultra-high reliability and fast response time with minimal mechanical footprint.



DiCon's Precision Variable Attenuator operates by using a neutral density filter placed in the light path. This neutral density filter varies in attenuation along its length and a high precision stepper motor is ...



Learn how variable optical attenuators (VOAs) control optical power. Explore MEMS, LCD, and fiber-bend VOA types, specifications, and applications.



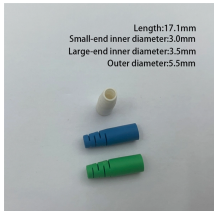
Boston Applied Technologies'' high speed variable optical attenuator (HVOA) has nano-second response speed and low insertion loss. It provides an ultimate solution for optical power stabilizing and limiting ...



Fixed Optical Attenuators • Fiber Optic Attenuators, Fixed Attenuation with a Variety of Connector Types • 1260 to 1620nm Wavelength Range Singlemode, also Multimode Versions • Precision Polishing ...



These VOAs are based on electro-optical crystals and are designed to meet the most mission-critical high-speed applications. We offer a low-drift version with a compensation technique.



All of EXFO''s modular (IQS line) and benchtop variable attenuators are built for top performance and utmost accuracy with distinct sets of features and specifications to suit various testing needs. Ideal ...



Optical attenuators are devices that reduce the optical power of a light beam by a fixed or variable amount. Key requirements include minimal effect on the beam profile, low wavelength and ...

## Contact Us

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