Optical Attenuator Polarization Spectroscopy

Our polarization-maintaining mechanical variable optical attenuator is a useful tool for tests of optical components and systems. All input and output fibers are polarization maintaining, and devices for a ...

Thorlabs" Polarization-Maintaining Variable Optical Attenuators (PM VOAs) allow the user to manually vary the attenuation of a signal for precise power balancing in fiber circuits or evaluation of the ...

It is a micro-optic component designed for next generation, dynamically configurable optical networks. It is based on the Photonic Integrated Circuit (PIC) and electrostatic MEMS technology.

For the first time, polarization-preserving, high-speed attenuation is available in a compact package. Boston Applied Technologies" Polarization Maintaining Variable Optical Attenuator (PM-VOA) ...

The device structure was optimized by optical and thermal simulations, effectively reducing the polarization sensitivity by minimizing the stress between the waveguides and improving ...

It explains how optical isolators, light attenuators, polarization rotators, and variable beam splitters function by using combinations of polarizers and retarders.

We present an approach based on setting specific polarizations of the pump and probe pulses, combined with a polarizer behind the sample. Together, this controls the signal-to-scatter ratio...

Thorlabs offers an all-in-one attenuator that will reduce brightness as well as accentuate contrast. This gives the user much finer control of the image brightness compared to a standard fixed-transmission ...

We propose and demonstrate a polarization-insensitive silicon photonic variable optical attenuator. The designed device uses a two-dimensional apodized grating coupler as a surface ...

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