



Fiber Optic Delay Unit Optical Switch

For that purpose, one can convert microwave signals to optical signals, send them through a fiber-optic delay line and finally convert them back to microwaves with a fast photodetector.

Perfected over 15 years, it uniquely features a long delay of up to milliseconds, ultra-fast (nanoseconds) delay variation speed, and up to 25 bits of high resolution. Internally, the input optical signal ...

MEISU's 3 in 1 variable time-delay module uses 3 groups of cascade optical switches to select fibers with different lengths or waveguides (which affect refractive index) so that different delay times can ...

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The most common practical approach for a variable delay system is an ODL system configuration which includes cascaded 1:2 and 2:2 optical matrices with several different delay lines ...

A miniature style delay line provides up to 13 picoseconds delay in a miniature package. The unit takes up little more space than an ordinary patchcord connection, and is easily adjustable and lockable.

Customized, high-precision optical time delay solutions for addressing fiber optic latency and timing applications in data centers and test laboratories.

Optical Variable Time-Delay Line Module consists of groups of switches with several fiber segments of different lengths. The switches are used to select different fiber segments to obtain different delay ...

All units are built custom to meet your specific requirements. Simply specify the length or time delay required and the connector choice for the input and output bulkheads. Dual spool or Multichannel ...

Our automated coiling machine winds optical fiber onto spools with uniform tension and optimal packing density. Berkshire Photonics has advanced winding capabilities ideally suited for precision-winding of ...

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