

Optical delay lines: Modules & motorized systems to adjust optical path lengths. Products are phase shifter, fiber stretcher, optical delay lines - motorized versions available.

Motorized Optical Delay Line DMODL provides low cost, precision optical path length adjustment and delay scanning functionality. The standard device has 8 channels and a delay range of 36ps for each ...

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 ...

The MDL-002 is a fiber coupled delay line with the delay adjustment path in free space. It is driven by a DC motor with integrated encoder, and combines delay ranges of up to 560 ps single pass with scan ...

We provide a full range of best-in-class optical and microwave delay solutions, including ultra-fast nanosecond variable delay, motor-driven delay lines, customer-defined fiber coil length selective ...

Driven by a DC motor with an integrated encoder, the MDL-002 has a delay resolution of less than 0.3 $\mu$ s (1 fs). In addition, its advanced motion design guarantees longevity for long-term continuous ...

Insertion Loss Max.

The delay line is easily controlled by a computer via an RS-232 interface or manually using some simple TTL input signals. These devices are calibrated to provide the delay in picoseconds.

These motorized optical delay lines employ a compact and rugged package design that makes the device ideal for network equipment and test instrument integration. The delay lines can also be used ...

The OPDL product line can provide time delay capabilities for Radio Frequency (RF) input signals with instantaneous bandwidths from DC to over 60 GHz, are packaged in modular enclosures, as well as ...

Multi-Channel Motorized Optical Delay Line Feature Unique delay mechanism Continuous and reliable operation Wide delay range High delay accuracy High reliability Application Radar testing and ...

Web: <https://tlaetsoglobal.co.za>