Eastern OptX

Eastern OptX (EOX) began designing and developing fiber optic delay lines for the RF and Microwave communities in 1998. The inherent low loss of fiber optic cable made it possible to initially offer Delay Lines for Radar Target Simulation. Our Microwave Delay Line Technology has

Delay Lines

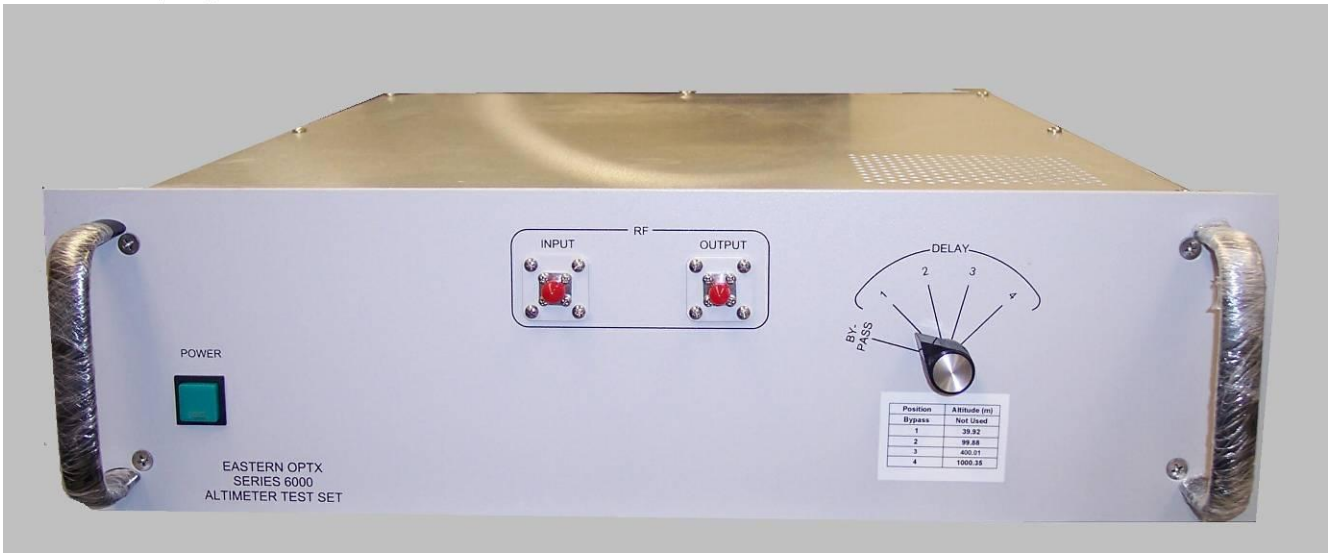
A HISTORY OF RELIABILITY

Company History.

Eastern OptX (EOX) began designing and developing fiber optic delay lines for the RF and Microwave communities in 1998. The inherent low loss of fiber optic cable made it possible to initially offer Delay Lines for Radar Target Simulation. Our Microwave Delay Line Technology has since found applications in EW, ECM, ECCM, Altimeter Calibration, Radio Range Emulation, and even some Multi-path Fading applications.

Products range from a single delay of RF signals up to 3 GHz, through 8 discreet GPIB and Ethernet programmable delays for signals above 18 GHz. We have delivered systems with time delays in excess of 1000 us (>80 radar miles).

EASTERN OPTX, INC.



Series 6000, Discrete, Four-Delay System with RF By-Pass

Series 6000, Progressive Delay System with LCD Touch-Screen Control

Eastern OptX, Inc.
710 E. Main Street • Moorestown, NJ 08057 • 800-861-7445 • 856-231-9022 (fax)
www.eastern-OptX.com RPT-0016

Series 1000, 250 us Delay

Series 3000, Progressive Delay System with External Optical Delay Option

Eastern OptX, Inc.
710 E. Main Street • Moorestown, NJ 08057 • 800-861-7445 • 856-231-9022 (fax)
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EASTERN OPTX, INC.

Series 8000, Radar Target Repeater

Series 6000, Discrete Delay System with LCD Touch-Screen Control

Customers.

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EOX has supplied delay line and altimeter test systems to more than 16 organizations including many of the top aerospace and defense corporations:

EOX
EASTERN OPTX, INC.

Reliability.

EOX has enjoyed an exemplary record of operational performance in the field with virtually no down time. With more than 140,000 operational hours in a variety of environmental conditions the systems have proved to be robust and reliable, with some systems in continuous service for more than 4 years.

Our systems are designed by a team of skilled engineers with decades of experience working in the aerospace and defense industries. Expertise in RF and Microwave, Optical, Mechanical, Electrical, and Software Engineering are employed to produce these rugged systems. Using the latest CAD and Simulation Software, EOX can produce optimized designs to quickly meet our customers' requirements. Custom software is incorporated in many systems which may be tailored for each application.

The EOX team skill set not only includes the required technical competencies, but also a deep understanding of our customers' applications and performance requirements. This combination allows us to guide our customers through the design process and quickly

develop and deliver systems that perform as required the first time, saving costly program delays and re-work.

The EOX systems are manufactured, tested, and calibrated in a state-of-the-art facility compliant with the following certifications and registrations:

- ISO-9001
- NHB 5300(1C)
- MIL-I-45208A

The latest test and measurement systems are used in the manufacture, alignment, and verification of our products. Working with our customers we develop systems with user friendly controls, software, and interfaces. These products are light weight with bench top, rack-mount, and portable versions available.

Please contact us for assistance in using our products in your application.