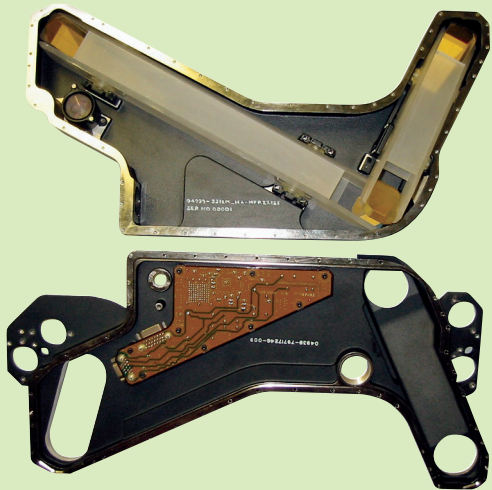


PLX'S OPTICAL SYSTEM INTEGRATION CAPABILITY AND M.O.S.T. TECHNOLOGY achieves exceptional accuracy, thermal and mechanical stability, and can be custom-designed to fit your special applications.



Our proprietary Monolithic Optical Structure Technology™ (M.O.S.T.) combines all of the elements of a complex optical setup into a single monolithic unit. Because we permanently align the assembly, it never needs adjusting and can last indefinitely.

PLX provides unique optical instruments, technologies, and solutions to problems of achieving and maintaining state-of-the-art optical accuracy and stability under severe environmental conditions.

PLX is a registered ISO 9001 company and is fully compliant with ISO requirements. We design and manufacture products that meet a variety of operating conditions, including demanding military applications.

Our extensive in-house manufacturing and environmental testing facilities, performance testing capabilities and state-of-the-art optical analysis equipment provides total quality management and accountability.

PLX products and systems are available in a wide variety of materials, mirror coatings, special metals, sizes, and configurations or can be customized to integrate and fit your specific requirements.



PLX Inc. 40 W. Jefryn Blvd.
Deer Park, NY 11729
Tel: 631.586.4190
Fax: 631.586.4196
www.plxinc.com
e-mail: info@plxinc.com



LTHR SERIES

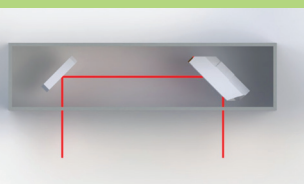
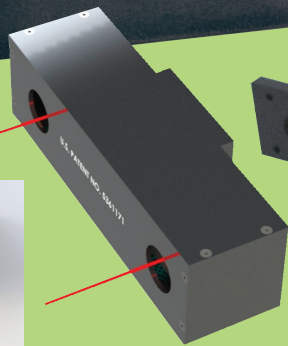


LATERAL TRANSFER HOLLOW RETROREFLECTORS™ (LTHR_s)

Excellent for aligning two or more parallel axis at any given distance while maintaining sub-arc second accuracy.

PLX LATERAL TRANSFER HOLLOW RETROREFLECTOR™ (LTHR) SERIES

Ideal for applications where the main beam must be aligned with two or more other axis while maintaining perfect parallelism.

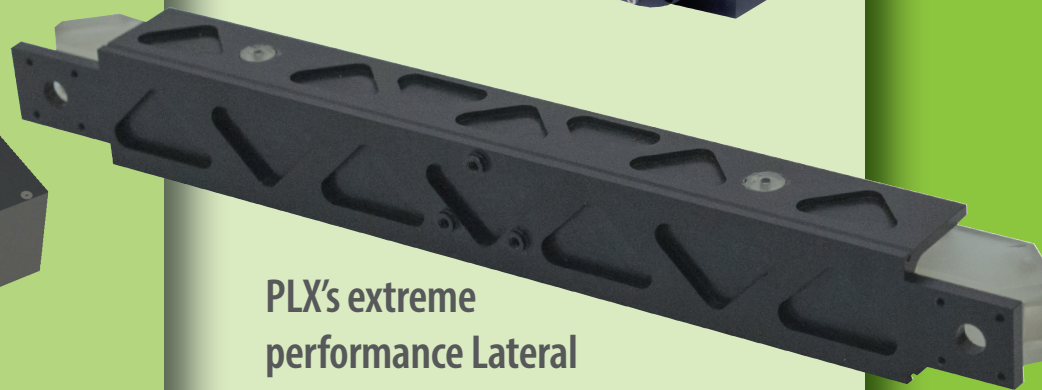


- Available with sub-arc second accuracy
- Extremely temperature stable
- Large choice of coatings
- Vacuum-compatible

PLX All-Weather Lateral Transfer Hollow Retroreflector™ (LTHRAW)

Providing rugged, vacuum compatible, hermetically sealed all-weather enclosures for applications that require environmental protection for optical surfaces.

- Sealed all-weather enclosures
- Ingress protection rating of IP67



PLX's extreme performance Lateral Transfer Hollow Retroreflectors™ (LTHRXP)

The use of PLX's patented miter-joint optical structure design and our lightweight stress-free mounting structure, further improves the applications of our M.O.S.T. technology.

PLX Rotary Movement Device™ (RMD) for LTHP and LTHR combinations

Use to attach two or more instruments at their respective entrance and exit apertures. This configuration offers a constantly adjustable beam position. Robotic 6DOF tracking for industrial inline metrology.



- Beam alignment where three or more optical axes are required
- Constantly adjustable exiting beam position
- Motorized or manual versions are available
- Sub-arc second accuracy under harsh environmental conditions.
- Laser beam delivery accurately to any point in 3D space