



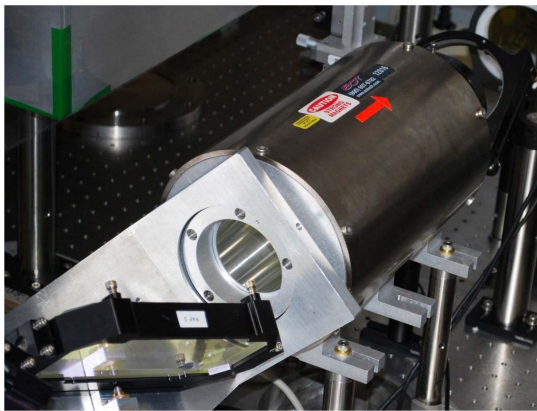
Innovative High Quality Laser Solutions

Electro-Optics Technology, Inc.

CUSTOM SOLUTIONS For Unique Requirements

OVERVIEW

From μW to PW and CW to fs , EOT's Custom Solutions team provides prompt, innovative solutions to customer requirements not addressed by EOT's standard product offerings. These solutions may involve modifications to existing EOT products or providing superior performance and capability of existing EOT products. EOT has a high level of vertical integration. Capabilities include laser crystal growth, optical polishing, bonding, coating, and the design and manufacture of discrete optical components and subassemblies. EOT collaborates closely with customers on their unique requirements and welcomes all inquiries for custom products.



APPLICATIONS

Scientific: Ultrafast Spectroscopy, Laser Accelerators, Particle Image Velocimetry, Plasma Physics, Nuclear Fusion

Defense: LIDAR, Directed Energy Weapons, Strategic Illuminators

Industry: Micromachining, Welding, Cutting, Semiconductor and Microelectronic Fabrication, Laser Shock Peening, Flat Panel Display Fabrication

Life Sciences/Medical: Cosmetic Surgery, DNA Sequencing, Environmental Sensing, OCT, LASIK, Raman Spectroscopy

FEATURES

- Improved isolation or transmission
- Improved power or pulse energy handling
- >50 mm apertures
- Custom form factors such as, high aspect ratio rotators or reducing the size of existing products
- Meeting unique operational or requirements
- Custom wavelengths
- Custom fiber types

PHOTODETECTORS

- Custom form factors, including devices with just the PCB
- Custom connectors and other input/output requirements

OPTICS

- Custom thin film polarizers
- Custom bandpass filter coatings
- Optical bonding



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CURRENT CAPABILITIES

Laser	Wavelengths	Free Space Rotators & Isolators	Fiber-to-Fiber & Fiber-to-Free Space Isolators	Photo-detectors	Thin Film Polarizers & Bandpass Filters	Laser Crystals	Optical Bonding	Custom Mechanical Design	Custom Environmental or Operating Specs
PW & TW Laser Systems	700 nm to 1100 nm	✓	✓	✓	✓	✓	✓	✓	✓
kW+ Solid State & Fiber Lasers	1000 nm to 1100 nm	✓	✓		✓	✓	✓	✓	✓
Solid State Lasers (fs to CW) to 1 kW	700 nm to 1100 nm	✓	✓	✓	✓	✓	✓	✓	✓
Solid State Lasers (fs to CW) to 1 kW	1100 nm to 1700 nm	✓	✓	✓			✓	✓	✓
Solid State Lasers (fs to CW) to 1 kW	515 nm to 700 nm	✓		✓		✓	✓	✓	✓
Solid State Lasers (fs to CW) to 1 kW	1700 nm to 2800 nm	✓	✓					✓	✓
Solid State Lasers (fs to CW) to 1 kW	190 nm to 515 nm	✓		✓				✓	✓
Yb, Er, & Tm Fiber Lasers	1064 nm, 1550 nm, 1950 nm to 2050 nm	✓	✓	✓		✓		✓	✓
Diode Lasers	390 nm to 1500 nm	✓	✓					✓	✓
QCLs	3200 nm to 10600 nm	✓						✓	✓
CO ₂ Lasers	9400 nm to 10600 nm	✓		✓				✓	✓
Other Laser Type	Contact EOT								

NOTE: The list above shows EOT's current capabilities but please contact us if this list does not address your needs as we are always looking for new applications we can support. Please contact CUSTOM.SOLUTIONS@EOTECH.COM.

EXPORT/ITAR COMPLIANCE

EOT is registered with the Directorate of Defense Trade Controls (DDTC) and has the necessary export controls, facilities, and processes to ensure compliance with customer projects subject to export controls, whether that be ITAR or EAR. Customers can be assured that technical data is properly protected and EOT will obtain the necessary licenses if it becomes necessary.

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