

## Optical Component Catalog

*OEM and Prototype Manufacturing*

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### **Waveplates**

- Crystal Quartz
- Mica

### **Windows**

- Parallel
- Wedged
- Square / Rectangular



### **Mirrors**

- Dielectric
- Metal
- Plano
- Spherical

### **Lenses**

### **Prisms**



### **Beamsplitters**

- Cube
- Plate

### **Polarizers**

- Cube
- Plate



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## Welcome to OptiSource, LLC

### ***A letter from our GM***

***We appreciate the opportunity to showcase our products for you and look forward to providing the solution to your component needs.***

After familiarizing yourself with our services and product offerings, we hope your next step will be to place an order with our company. We believe you will become another of a growing number of satisfied customers partnering with OptiSource, LLC, currently in our second decade of operations.

OptiSource, LLC is a small manufacturer of prototype and OEM quantities of optical components. Because of our size, we are able to incorporate many of the advantages and amenities associated with a larger company (i.e. a wide array of in-stock inventory) without the downside of dealing with the bureaucracies inherent in big companies.

The OptiSource staff is knowledgeable—150+ years of experience in all facets of sales, coating, fabrication and assembly of precision optical components.

Our smaller size affords us the advantage of maintaining a low overhead. Low overhead plus a skilled staff that multi-tasks, equals significant cost savings that we pass along to our customers.

We have developed a level of flexibility in our manufacturing environment not usually found in a larger company. This flexibility allows our manufacturing team to respond to your individual needs more effectively while still maintaining our OEM schedules.

As a user or buyer, you talk directly to the people who know the status of your order. They will give you a prompt assessment of your order status.

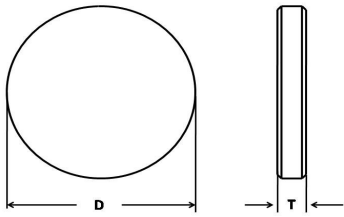
Having the components to successfully complete your project(s) and deliver your product is a direct measure of our performance. Place your order. Give us a chance to partner with you. You'll be convinced of our commitment to your success.

Thank you,

Greg Woodhouse  
General Manager  
OptiSource, LLC

# Solid Etalons

**Product Code: ET**



Substrate Materials: UV Fused Silica (Suprasil or Infrasil available on request)

Diameter Tolerance: +0.000 /-0.010" [+0.00/-0.25mm]

Thickness Tolerance: +/-0.010" [+/-0.25mm]

\*For Thicknesses ≤0.70mm Thickness Tolerance : +/- 5% of Nominal

Surface Quality: 10-5 Per ANSI /OESC OP1.002-2006

Transmitted Wavefront:  $\lambda/10$  @ 633nm over clear aperture

Parallelism: ≤ 1 arc second

Chamfer: 0.38mm @ 45° typical

Clear Aperture: ≥ central 85% of diameter

- OptiSource Solid Etalons (ET) are available as coated or uncoated optics.
- To select a coating, please see our coating offerings beginning on catalog page 36.
- Non-standard substrates are also available, but require a quotation for price and delivery. Please contact OptiSource, LLC Technical Sales for all of your non-standard requirements.

## Solid Etalons — Product code: ET

Part Number	Diameter (mm) "D"	Thickness (mm) "T"	Surface Quality	Substrate Material
ET-10-0.10-UV	25.40	0.10	10-5	UV
ET-10-0.25-UV	25.40	0.25	10-5	UV
ET-10-0.30-UV	25.40	0.30	10-5	UV
ET-10-0.50-UV	25.40	0.50	10-5	UV
ET-10-0.70-UV	25.40	0.70	10-5	UV
ET-10-1.00-UV	25.40	1.00	10-5	UV
ET-10-1.50-UV	25.40	1.50	10-5	UV
ET-10-2.00-UV	25.40	2.00	10-5	UV
ET-10-3.00-UV	25.40	3.00	10-5	UV
ET-10-4.00-UV	25.40	4.00	10-5	UV
ET-10-5.00-UV	25.40	5.00	10-5	UV
ET-10-6.00-UV	25.40	6.00	10-5	UV
ET-10-7.00-UV	25.40	7.00	10-5	UV
ET-10-8.00-UV	25.40	8.00	10-5	UV
ET-10-10.00-UV	25.40	10.00	10-5	UV
ET-10-10.50-UV	25.40	10.50	10-5	UV
ET-10-15.00-UV	25.40	15.00	10-5	UV