

Specifications

Focal Length Tolerance	+/- 3%
Diameter Tolerance	+/- 0.5 mm
Design Wavelength	546 nm
CentrationAxis Linearity	<6'
Surface Quality	60-40 scratch-dig
Edges	Fine ground and beveled

Cylindrical Lenses, G1 Fused Quartz, Commercial Grade

Esco PN: B410015

\$ 82⁰⁰

Diameter

25.4

Focal Length

38.1

Quantity

1



ADD TO CART

(In stock)

While all lenses have one or more spherical surface, the curved surface on a cylindrical lens is shaped like a cylinder. Performance is characterized by a focal line that lies parallel to the cylindrical axis. These lenses are useful in application areas, such as optical data storage and retrieval systems for imaging linear arrays, spectroscopic instrumentation for imaging slits, and other processes involving scanning techniques.

Cylindrical lenses are also frequently used with lasers to generate a narrow line of light that is used for measurement or alignment. Esco manufactures a variety of standard plano-convex G1 Commercial Grade Fused Quartz cylinder lenses. All lenses are pitch polished for precision surface quality and accuracy.

Esco has the capability to manufacture a variety of custom elements, including negative cylindrical lenses and lenses made of other optical materials. If your business or organization is in need of custom optic lenses, please call us at 800-922-3726 or [email us](#) for more information.

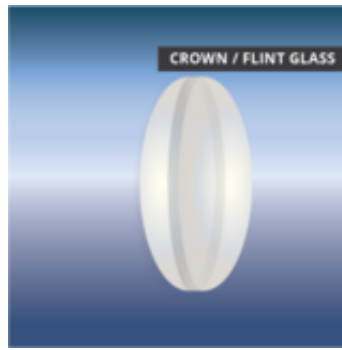
QUESTIONS & ANSWERS

Have a Question?

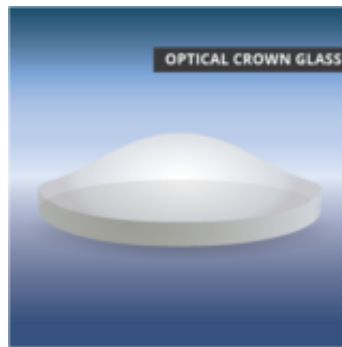
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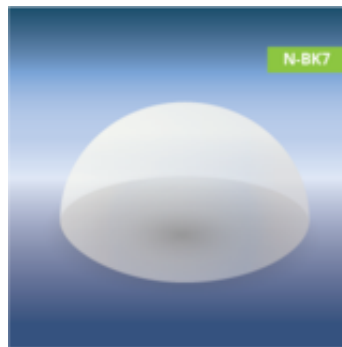
We Also Recommend



Achromatic Lenses, Optical Crown and Flint Glass



Aspherical Lenses, Optical Crown Glass



Bestform Laser Lenses, N-BK7 Optical Glass



Bestform Laser Lenses, S1-UV Grade Fused Silica