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15mm Dia. x 22.5mm FL, Commercial Grade, Plano-Convex Lens



Stock #23-083 CLEARANCE **20+ In Stock**

£16⁴⁰

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| Volume Pricing | |
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| Qty 1+ | £16.40 each |
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Plano-Convex Lens Type:

Physical & Mechanical Properties

15.00 +0.00/-0.10 Diameter (mm):

6.00 Centering (arcmin):

1.39 Edge Thickness ET (mm):

Clear Aperture CA (mm):
14.00

Optical Properties

Effective Focal Length EFL (mm):
22.50

Back Focal Length BFL (mm):
20.37

Coating:
MgF₂ (400-700nm)

Coating Specification:
R_{avg} ≤ 1.75% @ 400 - 700nm

Substrate: □
N-SK18

Focal Length Tolerance (%):
±1

Radius R₁ (mm):
14.37

f#:
1.5

Numerical Aperture NA:
0.33

Regulatory Compliance

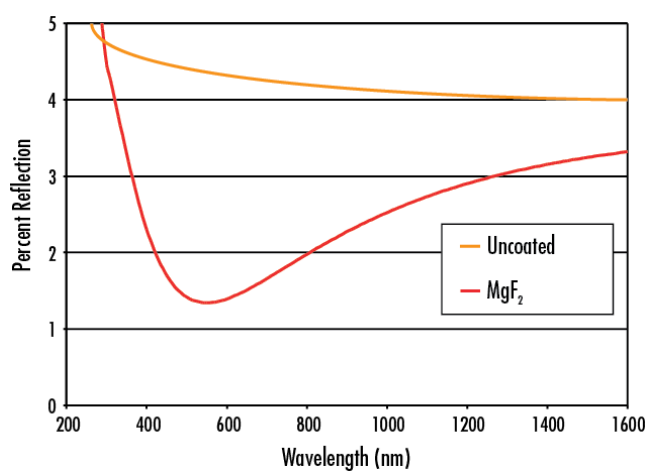
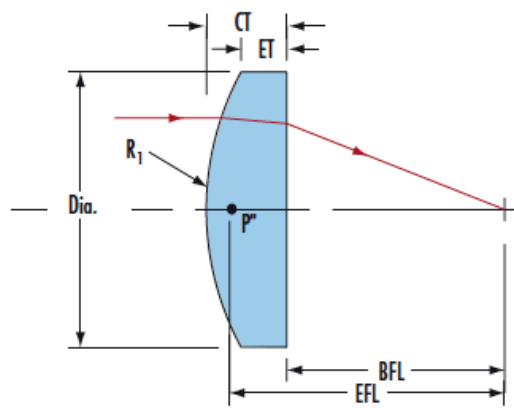
Certificate of Conformance:
[View](#)

Product Details

- Feature Standard Designs and Specifications
- Also Available [Uncoated](#)
- For More Options, View [Precision Quality Plano-Convex \(PCX\) Lenses](#)

Plano convex lenses (PCX) have one flat and one outward curving face and a positive focal length. They are ideal for collecting and focusing light in imaging applications. They are also useful in a variety of applications involving emitters, detectors, lasers, and fiber optics. MgF₂ anti-reflection coating offers improved transmission in the visible spectrum. Commercial Grade MgF₂ Coated Plano-Convex (PCX) Lenses offer commercial quality, at an affordable price.

Technical Information



Coating Curves