

12mm Dia. x 48mm FL, Commercial Grade, Plano-Convex Lens



Stock **#23-075** CLEARANCE **20+ In Stock**

☐ [Other Coating Options](#)

-

1

+

A\$32^{.80}

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Volume Pricing	
Qty 1+	A\$32.80 each
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General

Plano-Convex LensType:

Physical & Mechanical Properties

12.00 +0.00/-0.10Diameter (mm):

6.00Centering (arcmin):

1.26Edge Thickness ET (mm):

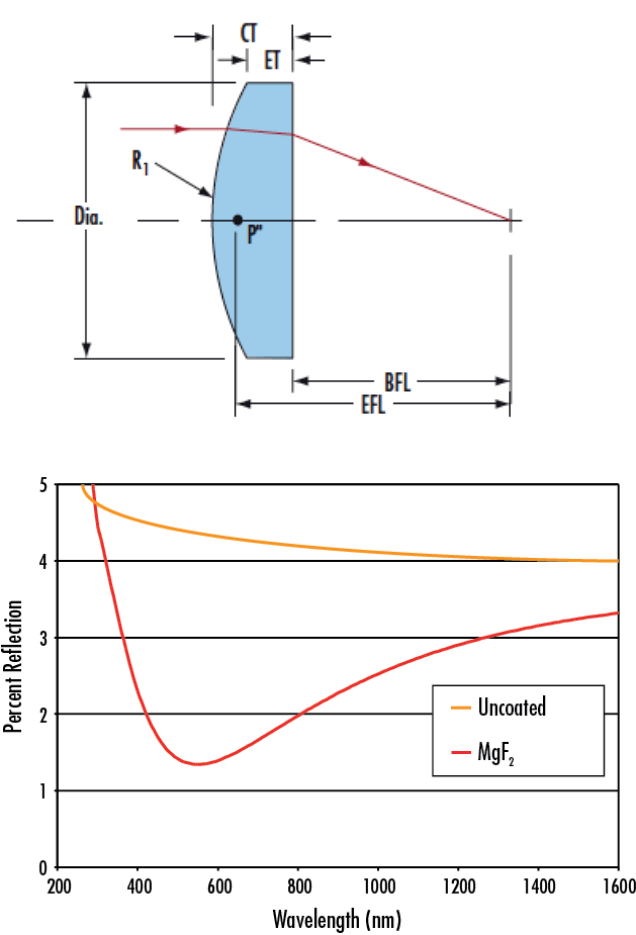
≥10.2	Clear Aperture CA (mm):
Optical Properties	
48.00	Effective Focal Length EFL (mm):
46.69	Back Focal Length BFL (mm):
MgF ₂ (400-700nm)	Coating:
R _{avg} ≤1.75% @400 - 700nm	Coating Specification:
N-BK7	Substrate: ☐
±1	Focal Length Tolerance (%):
24.81	Radius R ₁ (mm):
4.00	f#:
0.13	Numerical Aperture NA:
Regulatory Compliance	
View	Certificate of Conformance:

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