

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



Stock #23-075 CLEARANCE 20+ In Stock

☐ Other Coating Options

-

1

+

€20^{.50}

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Volume Pricing	
Qty 1+	€20,50 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Plano-Convex Lens

Physical & Mechanical Properties

Diameter (mm):

12.00 +0.00/-0.10

Centering (arcmin):

6.00

Edge Thickness ET (mm):

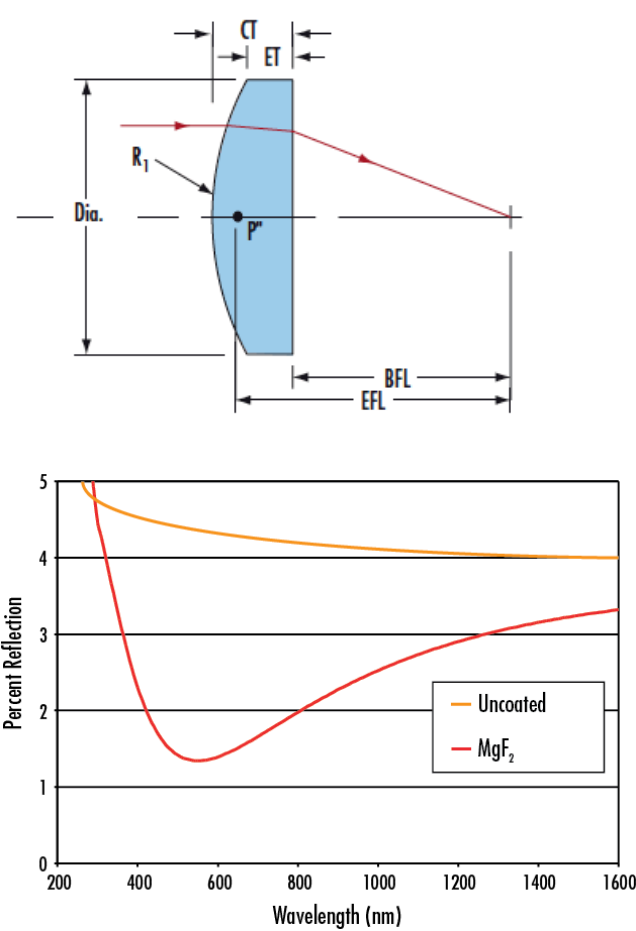
1.26	
	Clear Aperture CA (mm):
≥10.2	
Optical Properties	
	Effective Focal Length EFL (mm):
48.00	
	Back Focal Length BFL (mm):
46.69	
Coating:	
MgF ₂ (400-700nm)	
Coating Specification:	
R _{avg} ≤1.75% @400 - 700nm	
Substrate: ☐	
N-BK7	
	Focal Length Tolerance (%):
±1	
Radius R ₁ (mm):	
24.81	
f/#:	
4.00	
Numerical Aperture NA:	
0.13	
Regulatory Compliance	
Certificate of Conformance:	
View	

Product Details

- Feature Standard Designs and Specifications
- Also Available [Uncoated](#)
- For Mbre 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