

150mm Dia x 450mm Focal Length, MgF₂ Coated, PCX Condenser Lens



Stock **#19-913** 5 In Stock

-

1

+

C\$534^{.80}

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Volume Pricing	
Qty 1-10	C\$534.80 each
Qty 11-49	C\$481.60 each
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General

Type:

Condenser Lens

Physical & Mechanical Properties

Diameter (mm):

150.00 +0.0/-0.5

Center Thickness CT (mm):

17.50

Edge Thickness ET (mm):

5.08

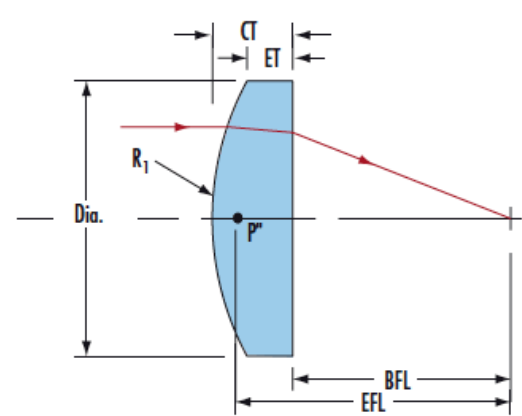
146	Clear Aperture CA (mm):
Protective as needed	Bevel:
Optical Properties	
Effective Focal Length EFL (mm):	
450.00 @ 587.6nm	
Back Focal Length BFL (mm):	
439.00	
Coating:	
MgF ₂ (400-700nm)	
Coating Specification:	
R _{avg} ≤1.75% @ 400 - 700nm	
Substrate: ☐	
N-BK7	
Surface Quality:	
120-80	
Radius R ₁ (mm):	
232.60	
f/#:	
3.00	
Numerical Aperture NA:	
0.17	
Wavelength Range (nm):	
400 - 700	
Regulatory Compliance	
RoHS 2015:	
Compliant	
Certificate of Conformance:	
View	
Reach 235:	
Compliant	

Product Details

- Large Sizes Available – 100 to 250mm Diameter
- Polished Surfaces for Superior Precision vs. Cast Optics
- Wavelength Range of 350-2200nm

Large PCX Condenser Lenses are condenser lenses that concentrate light into a projected beam. They are used in projectors, enlargers, spotlights, and other projection and illumination applications. Our large condensers are available in sizes not available in our standard PCX lenses and are available in a variety of focal lengths. Combine two condenser lenses of the same focal length to produce a system with half the focal length of a single lens. Large PCX Condenser Lenses are available uncoated or with a MgF2 coating. These lenses feature a N-BK7 substrate and are offered in diameters ranging from 100 to 250mm.

Technical Information



Coating Curves