

150mm Dia x 300mm Focal Length, MgF₂ Coated, PCX Condenser Lens



Stock **#19-912** 4 In Stock

-

1

+

S\$474^{.93}

ADD TO CART

Volume Pricing	
Qty 1-10	S\$474.93 each
Qty 11+	S\$430.13 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Type:

Condenser Lens

Physical & Mechanical Properties

Diameter (mm):

150.00 +0.0/-0.5	
24.40	Center Thickness CT (mm):
5.06	Edge Thickness ET (mm):
146	Clear Aperture CA (mm):

Protective as needed	Bevel:
----------------------	--------

Optical Properties

300.00 @ 587.6nm	Effective Focal Length EFL (mm):
284.00	Back Focal Length BFL (mm):

MgF ₂ (400-700nm)	Coating:
R _{avg} ≤ 1.75% @ 400 - 700nm	Coating Specification:

N-BK7	Substrate: ☐
120-80	Surface Quality:

155.10	Radius R ₁ (mm):
2.00	f/#:

0.25	Numerical Aperture NA:
400 - 700	Wavelength Range (nm):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:

Compliant	Reach 235:
-----------	------------

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



