

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



Stock **#27-509** 16 In Stock

-

1

+

₹14,558

ADD TO CART

Volume Pricing	
Qty 1-10	₹14,558 each
Qty 11-49	₹12,767 each
Need More?	Request Quote

Product Downloads

SPECIFICATIONS

General

Type:

Condenser Lens

Physical & Mechanical Properties

Diameter (mm):

150.00 +0.0/-0.5	Center Thickness CT (mm):
24.40	
	Edge Thickness ET (mm):
5.06	
	Clear Aperture CA (mm):
146	
	Bevel:
Protective as needed	
Optical Properties	
	Effective Focal Length EFL (mm):
300.00 @ 587.6nm	
	Back Focal Length BFL (mm):
284.00	
	Coating:
Uncoated	
	Substrate: ☐
N-BK7	
	Surface Quality:
120-80	
	Radius R ₁ (mm):
155.10	
	f#:
2.00	
	Numerical Aperture NA:
0.25	
	Wavelength Range (nm):
350 - 2200	
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Reach 219:
Compliant	
	Certificate of Conformance:
View	

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

