125mm Dia x 250mm Focal Length, PCX Condenser Lens

Stock **#27-505** **20+ In Stock**

- 1 + **£97**.18

ADD TO CART

Volume Pricing	
Qty 1-10	**£97.18** each
Qty 11-49	**£86.67** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:	Condenser Lens

Physical & Mechanical Properties

Diameter (mm):	125.00 +0.0/-0.5
Center Thickness CT (mm):	20.00
Edge Thickness ET (mm):	3.88
Clear Aperture CA (mm):	122
Bevel:	Protective as needed

Optical Properties

Effective Focal Length EFL (mm):	250.00 @ 587.6nm
Back Focal Length BFL (mm):	237.00
Coating:	Uncoated
Substrate:	N-BK7
Surface Quality:	120-80
Radius R_1 (mm):	129.20
f/#:	2.00
Numerical Aperture NA:	0.25
Wavelength Range (nm):	350 - 2200

Regulatory Compliance

RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 240:	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