

[See all 102 Products in Family](#)

## 6.5mm Diameter x 6mm FL, PCX Condenser Lens



Stock **#43-480** **20+ In Stock**

[Other Coating Options](#)

1  **\$38<sup>15</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-10	<b>\$38.15</b> each
Qty 11-49	<b>\$33.60</b> each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Condenser Lens **Type:**

### Physical & Mechanical Properties

6.50 **Diameter (mm):**

3.75 ±0.1 **Center Thickness CT (mm):**

**Bevel:**

Protective as needed

Shape of Back Surface:

Plano

## Optical Properties

Effective Focal Length EFL (mm):

6.00

Numerical Aperture NA:

0.58

Substrate:

Float Glass

Focal Length Tolerance (%):

±7

Coating:

Uncoated

Surface Quality:

80-50 (typical)

f#:

0.86

Radius R<sub>2</sub> (mm):

Plano

Wavelength Range (nm):

350 - 2000

Conjugate Distance:

Infinite

## Regulatory Compliance

RoHS 2015:

[Compliant](#)

Reach 219:

[Compliant](#)

Certificate of Conformance:

[View](#)

## Product Details

- Molded Illumination Lenses
- Aspheric or Spherical Designs
- High Numerical Apertures

Condenser Lenses are molded lenses designed for illumination applications. Featuring large apertures and short focal lengths, Condenser Lenses are commonly used in emitter-detector applications, projection applications, or condensing illumination applications such as Koehler Illumination. The Aspheric Condenser Lenses are molded on the aspheric surface and ground and polished on the opposite face, offering superior performance. The Plano-Convex (PCX) Condenser Lenses are molded on both surfaces, offering excellent value.

## Technical Information

