

TECHSPEC[®] 11.2mm CA, 36mm FL, Mounted MgF₂ Coated Plano-Convex Lens



Mounted MgF₂ Coated Plano-Convex (PCX) Lenses



Stock **#12-919** CLEARANCE **1 In Stock**

-

1

+

\$31⁻¹⁴

~~\$62.28~~

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Volume Pricing	
Qty 1+	\$62.28 \$31.14 each
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SPECIFICATIONS

General

Plano-Convex Lens

Type:

[#33-353](#)

Lens Included:

Physical & Mechanical Properties

Bevel:

Protective as needed

Clear Aperture CA (mm):

11.2

Edge Thickness ET (mm):

2.01

Extension Length (mm):

5.6

Total Length (mm):

9.6

Optical Properties

Effective Focal Length EFL (mm):

36.00

Substrate:

N-BK7

f#:

3

Numerical Aperture NA:

0.17

Coating:

MgF₂ (400-700nm)

Wavelength Range (nm):

400 - 700

Back Focal Length BFL from Housing (mm):

34.02

Coating Specification:

R_{avg} ≤ 1.75% @ 400 - 700nm

Focal Length Specification Wavelength (nm):

587.6

Focal Length Tolerance (%):

±1

Radius R₁ (mm):

18.61

Surface Quality:

40-20

Power (P-V) @ 632.8nm:

1.5λ

Irregularity (P-V) @ 632.8nm:

λ/4

Threading & Mounting

Mount Included:

#54-615

Mount Diameter (mm):

30.0

Thread Type:

C-Mbunt

Regulatory Compliance

Certificate of Conformance:

View

PRODUCT DETAILS

- Pre-Mounted PCXLenses in Engraved C-Mount Housings
- Simplify Integration into Optical Systems
- AR Coated for <1.75% Reflectance per Surface for 400 - 700nm
- Also Available [Unmounted](#)

TECHSPEC® Mounted MgF₂ Coated Plano-Convex (PCX) Lenses feature our TECHSPEC MgF₂ Coated Plano-Convex (PCX) Lenses pre-mounted in C-Mount housings to simplify their integration into optical systems. Each housing is engraved with the focal length of the lens as well as the stock number for ease of identification. TECHSPEC Mounted MgF₂ Coated PCXLenses are coated with a MgF₂ antireflection coating to provide <1.75% reflectance per surface at visible wavelengths

COATING CURVES

CUSTOM

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).
