

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

+

€42⁹⁵

ADD TO CART

Volume Pricing	
Qty 1+	€42,95 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Plano-Convex Lens

Type:

Lens Included:	
#33-353	
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:	
MgF ₂ (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 R ₁ (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-Mbunted PCXLenses in Engraved C-Mbunt Housings
- Simplify Integration into Optical Systems
- AR Coated for <1.75% Reflectance per Surface for 400 - 700nm
- Also Available [Unmbunted](#)

TECHSPEC® Mbunted MgF₂ Coated Plano-Convex (PCX) Lenses feature our TECHSPEC MgF₂ Coated Plano-Convex (PCX) Lenses pre-mbunted in C-Mbunt 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 Mbunted 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](#).
