

18mm Dia. x 15.5mm FL, Aspheric Condenser Lens, VIS-EXT



Stock **#72-495** **5 In Stock**

☐ [Other Coating Options](#)

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1

+

MRP ₹5,328

Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹5,328 each
Qty 11+	₹4,777 each
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General

Type:

Condenser Lens

Physical & Mechanical Properties

Diameter (mm):

18.00 +0.0/-0.2

Centering (arcmin):

≤30

16.20	Clear Aperture CA (mm):
1.44	Edge Thickness ET (mm):
7.00 ±0.30	Center Thickness CT (mm):
Protective as needed	Bevel:
18.00	Diameter of Asphere (mm):
Plano	Shape of Back Surface:

Optical Properties	
15.50	Effective Focal Length EFL (mm):
0.58	Numerical Aperture NA:
10.87	Back Focal Length BFL (mm):
H-K9L	Substrate: ☐
±8	Focal Length Tolerance (%):
VS-EXT (350-700nm)	Coating:
R _{avg} <0.5% @ 350 - 700nm	Coating Specification:
80-50 (typical)	Surface Quality:
0.86	f/#:
Plano	Radius R ₂ (mm):
350 - 700	Wavelength Range (nm):
Infinite	Conjugate Distance:

Regulatory Compliance	
View	Certificate of Conformance:
China	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

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



