

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Condenser Lenses](#)

[See all 102 Products in Family](#)

34.9mm Dia. x 2



Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit

1

€54^{.50}

ADD TO CART

Volume Pricing	
Qty 1-10	€54,50 each
Qty 11-49	€49,00 each
Need More?	Request Quote

Product Downloads	
STEP:step	PDF Drawing:pdf
IGES:igs	eDrawing:eprt
Code V:seq	EO Spec Sheet
Download All	

Prices shown are exclusive of VAT/local taxes

General

Type: Condenser Lens

Physical & Mechanical Properties

Diameter (mm):	34.90 +0.0/-0.2	Centering (arcmin):	≤30
Clear Aperture CA (mm):	31.41	Edge Thickness ET (mm):	2.91
Center Thickness CT (mm):	19.00 ±0.30	Bevel:	Protective as needed
Diameter of Asphere (mm):	34.9	Shape of Back Surface:	Convex

Optical Properties

Effective Focal Length EFL (mm):	21.60	Numerical Aperture NA:	0.81
Back Focal Length BFL (mm):	11	Substrate:	H-K51
Focal Length Tolerance (%):	±5	Coating:	Uncoated
Surface Quality:	80-50 (typical)	f/#:	0.62
Radius R₂ (mm):	71.12	Wavelength Range (nm):	350 - 2000
Conjugate Distance:	Infinite		

- Application Note
- Scientific Paper
- Trending in Optics
- Video
- Published Article
- FAQ
- Glossary

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings



CASE STUDIES

Laser Optics for Eye Surgery

APPLICATION NOTE

Lens Geometry Performance Comparison

APPLICATION NOTE

All About Aspheric Lenses

WEBINARS

Design Considerations for Custom Aspheres

[View More](#)