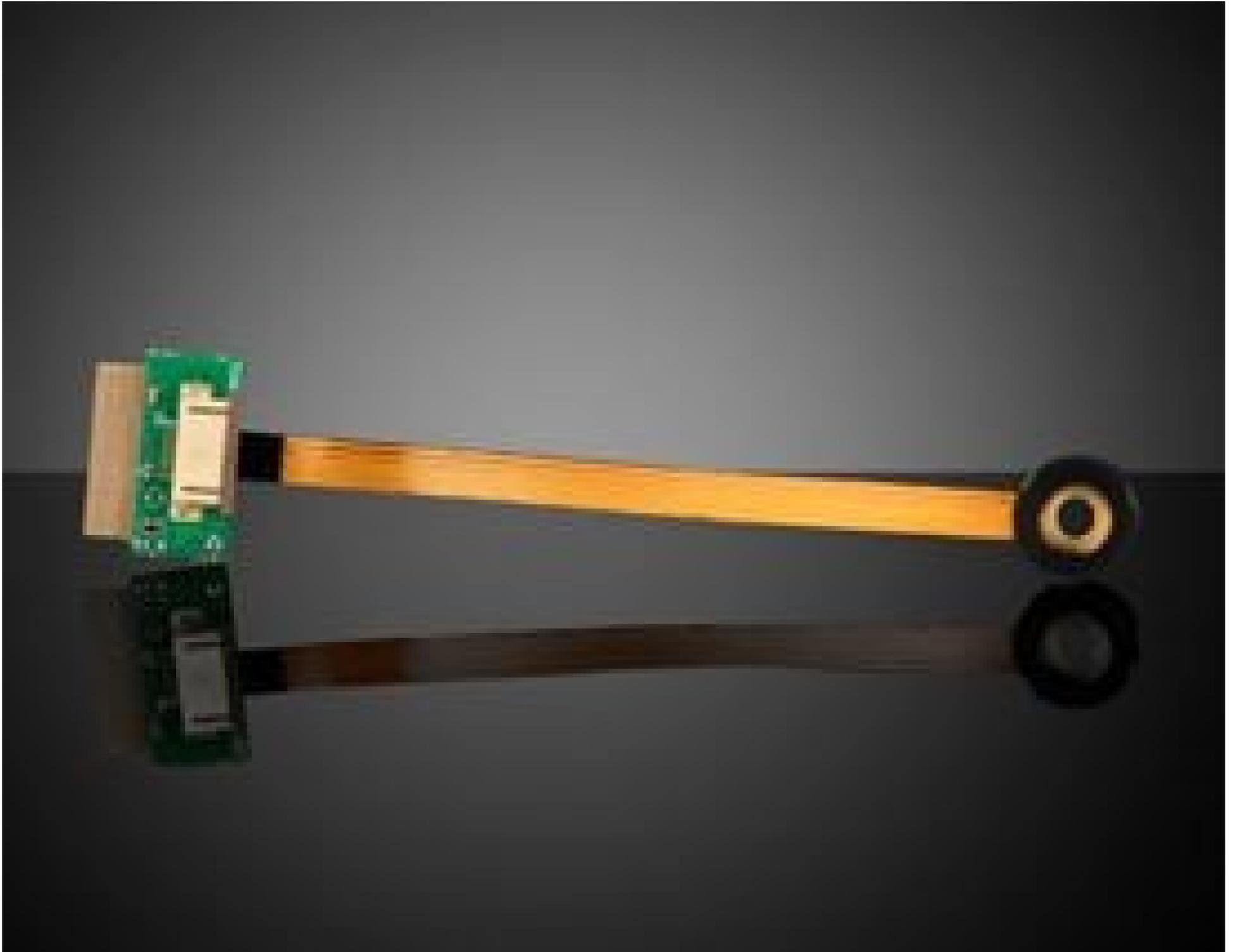


2.5mm CA, Corning® Varioptic® A-PE Series Variable Focus Liquid Lens Development Kit



Corning® Varioptic® A-PE Series Variable Focus Liquid Lenses



Stock #23-230 **5 In Stock**

⊖ 1 ⊕ €1.116⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€1.116,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Development Kit **Type:**

Contents of Kit:

Coming® Varioptic® A-PE-25HX-33 Lens
 USB-M Universal (with 4 and 6 pin connector and
 USB compatibility)
 USB-B to USB-A Cable
 Focuslab Software
 Control Software Documentation Package

Model Number:

A-PE-25HO-33

Typical Applications:

Compact optical systems such as barcode
 readers, industrial cameras, & medical imaging
 and biometrics systems

Physical & Mechanical Properties**Diameter (mm):**

8.80 (packaged lens)

Clear Aperture CA (mm):

2.5

Thickness (mm):

2.80 (packaged lens)

Optical Properties**Coating:**

MS

Focus Range (mm):

-5 to +13 diopter

Transmission (%):

97 @ 587nm

Transmitted Wavefront Error, RMS:

30nm

Environmental & Durability Factors**Operating Temperature (°C):**

-30 to +85

Storage Temperature (°C):

-40 to +85

Regulatory Compliance**RoHS 2015:**

[Compliant](#)

Reach 224:

[Compliant](#)

Certificate of Conformance:

[View](#)

PRODUCT DETAILS

- Combine a Liquid Lens with Dedicated, Calibrated Driver Board
- Temperature Compensation and Response Time Optimization Features
- Sweep Mode for Continuous Imaging while Lens is in Motion
- [A-P Series Liquid Lenses](#) Also Available

Coming® Varioptic® A-PE & V-PE Series Variable Focus Liquid Lenses feature a variable focus liquid lens with a dedicated, calibrated driver board for enhanced performance, temperature compensation, and response time optimization. The driver board enables advanced features including temperature compensation algorithms, response time optimization for optical power changes, and sweep mode which acquires clear images while the liquid lens is still in motion. The V-PE Series expands on this technology with an 8-electrode design, enabling independent control of spheres at ± 24 diopters of power, cylinders at ± 5 diopters of power, and axis for astigmatism correction without any moving parts, ensuring silent, reliable operation. Coming® Varioptic® A-PE & V-PE Series Variable Focus Liquid Lenses are ideal for use in barcode readers, industrial inspection, medical imaging, and biometrics applications and are fully compatible with the [AF Explorer Camera](#) for plug-and-play operation. Development kits include lenses, drive electronics, cables, software, and a dedicated drive board for ease of use and simplifying integration into OEM systems.