

A-P Series

Packaged A-Series lenses are designed to make integration easier. By avoiding the hassle of mechanical and electrical integration of the lens, the variable focus capability can be integrated much faster into customer's system. The lens is built-in with an FPC cable, and can be connected to a standard FPC connector.

Ordering Information:

- A-16FX-P31: Packaged A-16FX with straight Flex Cable with thermistor (FPC-A-31)
- A-P-25HX-33 : Packaged A-25HX with straight Flex Cable with thermistor (FPC-A-33)
- A-39NX-P37: Packaged A-39NX with straight Flex Cable with thermistor (FPC-A-37)
- A-58NX-P37: Packaged A-58NX with straight Flex Cable with thermistor (FPC-A-37)

(X=0, 1 or 9) contact us for more information on FPC specifications.

Specifications:

	A-16FX-P31	A-P-25HX-33	A-39NX-P37	A-58NX-P37
External diameter	7.0 mm	8.8 mm	15.5 mm	15.5 mm
Thickness	3.0 mm	2.8 mm	5.2 mm 5.5 mm	6.3 mm



From left to right : A-16FX-P31 / A-P-25HX-33 / A-39NX-P37 / A-58NX-P37



A-PE-Series



A-PE-Series is a higher degree of integration of the Corning® Varioptic® liquid lens based on the combination of an A-P Series lens with a dedicated driving board. This product has been designed to reduce the integration and development effort on user side (comprehensive hardware, calibrated lens etc...) as well as to enhance the electro-optical performance of the lens embedding temperature compensation algorithm for better open loop operation and providing response time acceleration features to handle ever increasing sensor frame rates.

This platform will be rolled out across the A-Series portfolio, starting with the A-25H0 lens.

Key Features:

- A-P- Series lens & electronic board
- Multipoint calibration
- Thermal compensation (V-Temp), compensating both lens and driver related thermal variations
- Response time acceleration algorithm (V-Speed) - up to 5x faster
- Innovative driving mode (V-Sweep)



Ordering Information:

A-PE-25H0-33: Packaged A-25H0 with electronics and FPC-A-33

Electronic board mechanical dimension :

