

5.8mm CA, NIR Coated, Corning® Varioptic® Variable Focus Liquid Lens Development Kit



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Diameter (mm):
15.50 (packaged lens, 13.00 bare lens)

Coating:
NIR

Type:
Development Kit

Clear Aperture CA (mm): 5.8
Contents of Kit: Corning® Varioptic® A-58N1 Lens (without cable) A-58N1-P20 Lens (with bent flex cable) Maxim MAX14574 Driver Board (with 4 pin connector and 6 pin connector for thermistor populated 6 pin FPC) USB-MFlexiboard (with 4 and 6 pin connector and USB compatibility) M4 thread holder for lens Bent Flex Cable FPC-A-20 Control Software Documentation Package
Focus Range: -5 to +10 diopter
Model Number: D-A-58N1
Operating Temperature (°C): -20 to +50
Storage Temperature (°C): -40 to +85
Thickness (mm): 6.30 (packaged lens, 4.50 bare lens)
Transmission (%): 96 @ 850nm (typical)
Transmitted Wavefront Error, RMS: 80nm
Typical Applications: Optical instruments such as ophthalmology, scientific instrumentation, life sciences and microscopes requiring a larger clear aperture than the A-39N lens operating in the NIR

Regulatory Compliance

RoHS 2015: Exempt
Reach 224: Contains SVHC(s)
Certificate of Conformance: View