

## 12.7mm Dia. 980nm $\lambda/4$ Quartz Waveplate Zero Order



Stock **#85-028** [CONTACT US](#)

- 1 + **C\$593.60**

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| Qty 1-5                       |
| C\$593.60                     |
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**Clear Aperture CA (mm):**  
8.00

**Coating:**  
Laser V-Coat (980nm)

**Design Wavelength DWL (nm):**  
980

**Diameter (mm):**  
12.70 +0.00/-0.25

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| <b>Substrate:</b> <div>Crystal Quartz</div>                                                             |
| <b>Retardance:</b> <div><math>\lambda/4</math></div>                                                    |
| <b>Surface Quality:</b> <div>10-5</div>                                                                 |
| <b>Thickness (mm):</b> <div>6.40 +0.00/-0.25</div>                                                      |
| <b>Type:</b> <div>Crystalline Waveplate</div>                                                           |
| <b>Construction:</b> <div>Crystalline</div>                                                             |
| <b>Transmitted Wavefront, P-V:</b> <div><math>\lambda/10</math> for central 80% of clear aperture</div> |
| <b>Parallelism (arcsec):</b> <div>&lt;3</div>                                                           |
| <b>Retardance Tolerance:</b> <div><math>\pm \lambda/200</math></div>                                    |
| <b>Temperature Coefficient (<math>\lambda/^\circ\text{C}</math>):</b> <div>0.0001</div>                 |
| <b>Retardance Order:</b> <div>0</div>                                                                   |

### Regulatory Compliance

|                                                    |
|----------------------------------------------------|
| <b>RoHS 2015:</b> <div>Compliant</div>             |
| <b>Reach 209:</b> <div>Compliant</div>             |
| <b>Certificate of Conformance:</b> <div>View</div> |