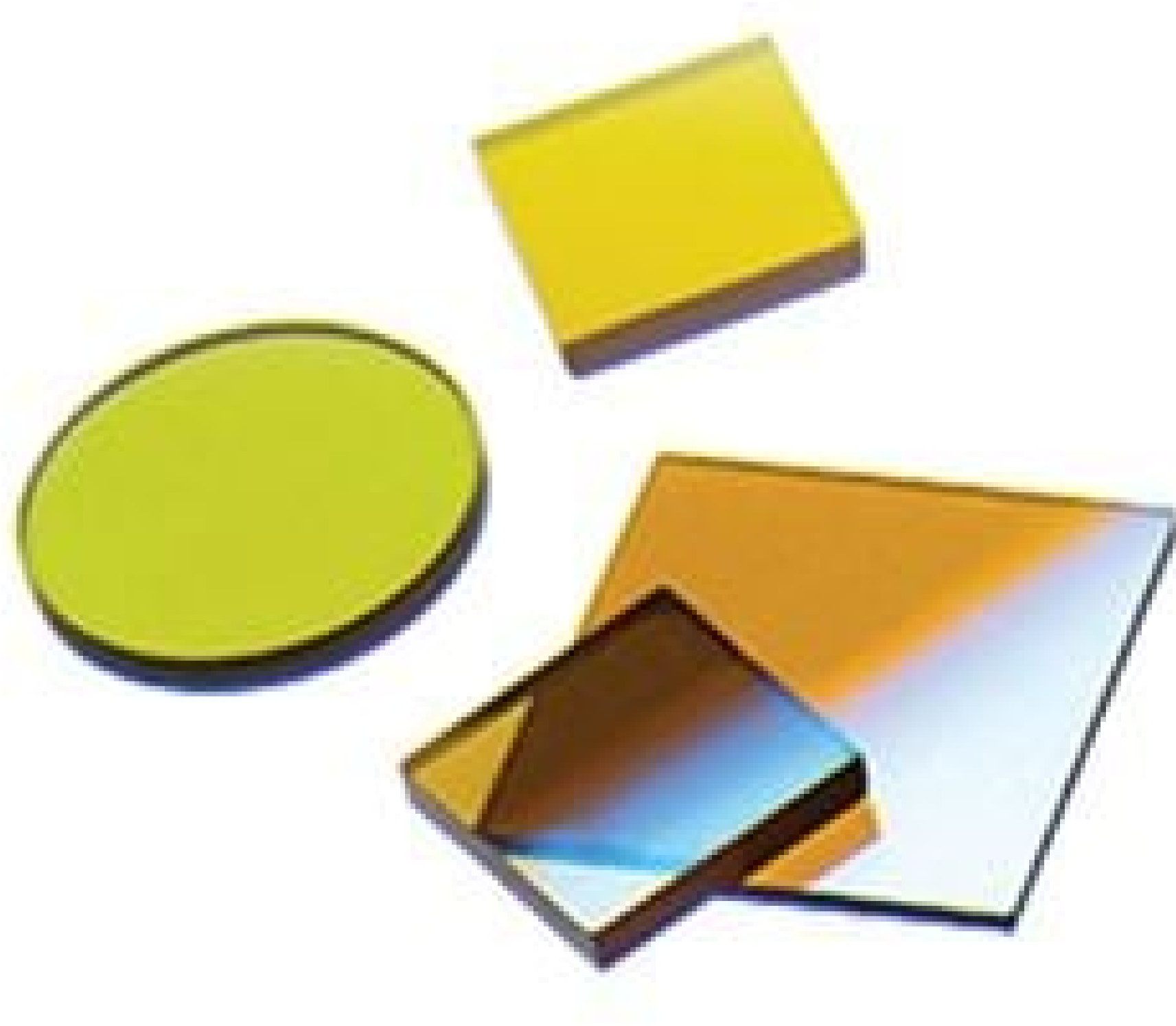


# 25mm Dia., 633nm, Corning Polarcor™ Glass Polarizer



Corning Polarcor™ Glass Polarizers

Stock #13-609 3-5 DAYS



1



S\$2,849.25

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Angle of Incidence (°):

0 ±5

Coating:

BBAR (630-700nm)

Design Wavelength DWL (nm):

633

Diameter (mm):

25.00

Extinction Ratio:

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| >10,000:1                                                                                        |
| <b>Substrate:</b> <div></div> <div>Borosilicate Glass Containing Elongated Silver Crystals</div> |
| <b>Minimum Transmission (%):</b> <div>&gt;83.9</div>                                             |
| <b>Surface Quality:</b> <div>40-20</div>                                                         |
| <b>Thickness (mm):</b> <div>0.50 ±0.05</div>                                                     |
| <b>Dimensional Tolerance (mm):</b> <div>±0.1</div>                                               |
| <b>Coating Specification:</b> <div>R<sub>avg</sub> &lt;0.4% @ 630 - 700nm</div>                  |
| <b>Wavelength Range (nm):</b> <div>630 - 700</div>                                               |
| <b>Insertion Loss (dB):</b> <div>&lt;0.76</div>                                                  |
| <b>Index of Refraction n<sub>d</sub>:</b> <div>1.521</div>                                       |
| <b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b> <div>6.5</div>                 |
| <b>Knoop Hardness (kg/mm<sup>2</sup>):</b> <div>480</div>                                        |
| <b>Young's Modulus (GPa):</b> <div>58.605</div>                                                  |
| <b>Poisson's Ratio:</b> <div>0.21</div>                                                          |
| <b>Abbe Number (v<sub>d</sub>):</b> <div>57.6</div>                                              |
| <b>Density (g/cm<sup>3</sup>):</b> <div>2.412</div>                                              |

### Regulatory Compliance

|                                                    |
|----------------------------------------------------|
| <b>RoHS 2015:</b> <div>Compliant</div>             |
| <b>Reach 224:</b> <div>Compliant</div>             |
| <b>Certificate of Conformance:</b> <div>View</div> |