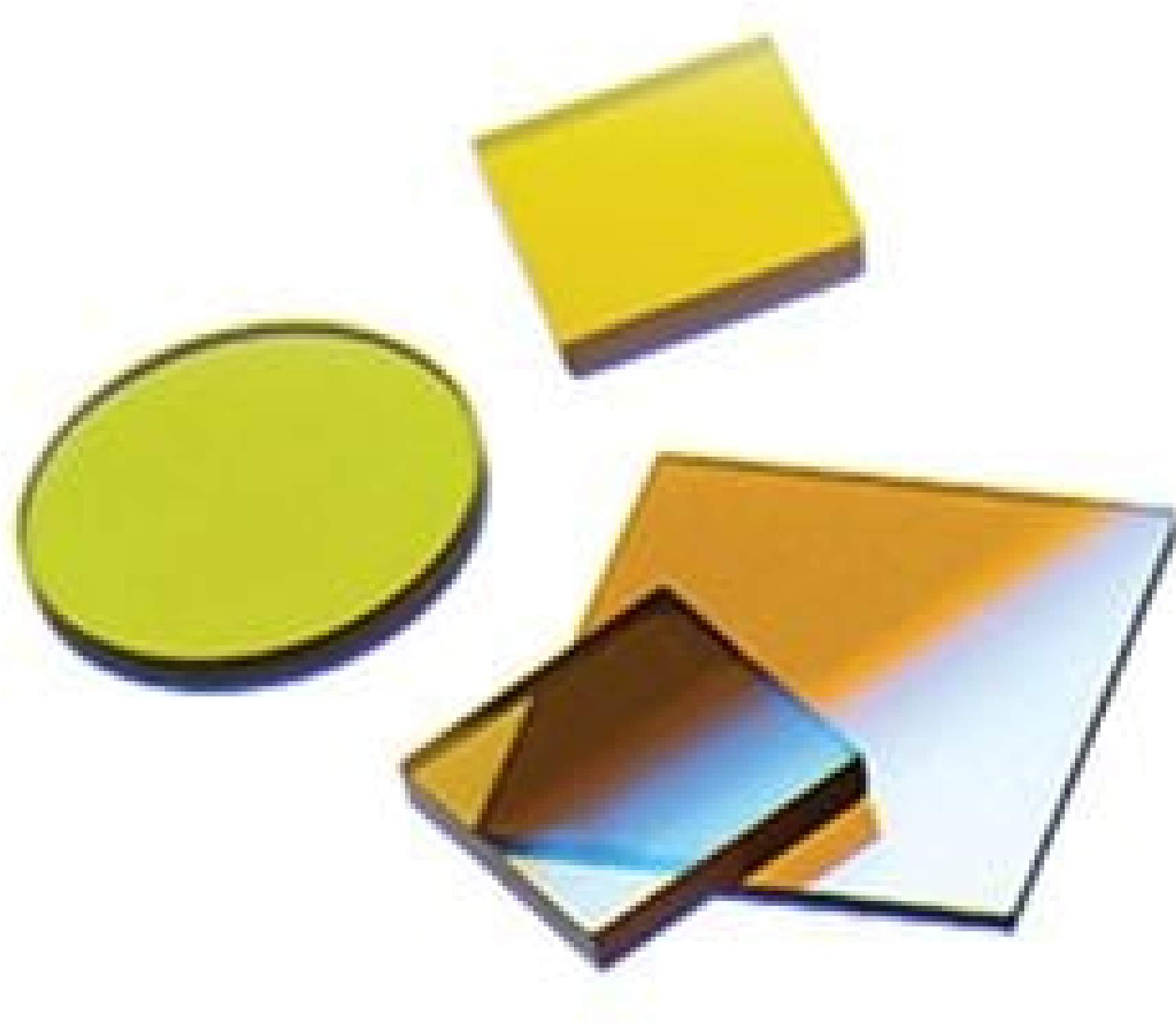


12.5mm Dia., 633nm, Corning Polarcor™ Glass Polarizer



Corning Polarcor™ Glass Polarizers

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Angle of Incidence (°):
0 ±5

Coating:
BBAR (630-700nm)

Design Wavelength DWL (nm):
633

Diameter (mm):
12.50

Extinction Ratio: >10,000:1
Substrate: Borosilicate Glass Containing Elongated Silver Crystals
Minimum Transmission (%): >83.9
Surface Quality: 40-20
Thickness (mm): 0.50 ±0.05
Dimensional Tolerance (mm): ±0.1
Coating Specification: R_{avg} <0.4% @ 630 - 700nm
Wavelength Range (nm): 630 - 700
Insertion Loss (dB): <0.76
Index of Refraction n_d: 1.521
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 6.5
Knoop Hardness (kg/mm²): 480
Young's Modulus (GPa): 58.605
Poisson's Ratio: 0.21
Abbe Number (v_d): 57.6
Density (g/cm³): 2.412

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View