

11 x 11mm, 1550nm, Corning Polarcor™ Glass Polarizer



Corning Polarcor™ Glass Polarizers

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-

1

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C\$1,155.00

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Angle of Incidence (°):
0 ±5

Coating:
BBAR (1510-1590nm)

Design Wavelength DWL (nm):
1550

Extinction Ratio:
>100,000:1

Substrate: ☐

Borosilicate Glass Containing Elongated Silver Crystals
Length (mm): 11.00
Minimum Transmission (%): >98.5
Dimensions (mm): 11.0 x 11.0
Surface Quality: 40-20
Thickness (mm): 0.50 ±0.05
Dimensional Tolerance (mm): ±0.1
Coating Specification: R _{avg} <0.25% @ 1510 - 1590nm
Wavelength Range (nm): 1510 - 1590
Width (mm): 11.00
Insertion Loss (dB): <0.06
Index of Refraction n _d : 1.5051
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