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25.4mm Dia. 300 - 2700nm Broadband Polarizer



Broadband Polarizers

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General

Linear Polarizer **Type:**

Physical & Mechanical Properties

19.05 **Clear Aperture CA (mm):**

25.40 **Diameter (mm):**

2.50 ±0.3 **Thickness (mm):**

Dimensional Tolerance (mm):

+0.0/-0.1

Optical Properties**Angle of Incidence (°):**

±40

Extinction Ratio:

>100:1 @ 300 - 400nm (Typical)
 >50,000:1 @ 450 - 550nm (Typical)
 >800:1 @ 700 - 1400nm (Typical)
 >1000:1 @ 1400 - 2650nm (Typical)

Substrate:

Fused Silica (Coming 7980)

Wavelength Range (nm):

300 - 2700

Polarization Axis Mark (°):

±2

Threading & Mounting**Mount Thickness (mm):**

4.5

Environmental & Durability Factors**Operating Temperature (°C):**

-50 to 80

Regulatory Compliance**RoHS 2015:**

Compliant

Certificate of Conformance:[View](#)**REACH 241:**

Compliant

Country of Origin:

China

Imported By:

Edmund Optics India Private Limited

Product Details

The input beam should enter through the front of the optic, which is the engraved side.

- Wide Acceptance Angles
- Broadband Performance from 300 -2700nm
- Compact Designs Ease System Integration

Broadband Polarizers are ideal solutions for broadband applications from the UV to SMIR where wire grid polarizers are not practical. Broadband Polarizers feature acceptance angles of ±40° and are well suited for use with uncollimated light sources. Additionally, these polarizers utilize a proprietary design that allows for consistent transmitted contrast from 300 – 2700nm.

Note: The input beam should enter through the front of the optic, which is the engraved side.

Technical Information