

12.7mm Dia. 300 - 2700nm Broadband Polarizer



Broadband Polarizers

Stock **#71-207** **2 In Stock**

-

1

+

£680⁰⁰

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Qty 1+	£680.00 each
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General

Type:

Linear Polarizer

Physical & Mechanical Properties

Clear Aperture CA (mm):

10.16

Diameter (mm):

12.70

Thickness (mm):

2.50 ±0.3	
	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 (Corning 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	
	Certificate of Conformance:
View	

Product Details

- 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 SWIR 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

