

2.5" Diameter, Uncoated Plastic Acrylic Window



Stock #71-542 **16 In Stock**

- 1 + A\$48⁰⁰

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Volume Pricing

Qty 1-5	A\$48.00 each
Qty 6-25	A\$38.40 each
Qty 26-49	A\$36.80 each
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Product Downloads

General

Protective Window **Type:**

Physical & Mechanical Properties

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

2.50 ±0.010 **Diameter (inches):**

Diameter (mm):
63.50 ±2.54

Thickness (inches):
0.060 ±0.003

Thickness (mm):
1.52 ±0.08

Bevel:
Protective as needed

Edges:
Smooth, Machined

Optical Properties

Coating:
Uncoated

Substrate:
PMMA

Index of Refraction (n_d):
1.49

Abbe Number (v_d):
58

Wavelength Range (nm):
400 - 1600

Material Properties

Coefficient of Thermal Expansion CTE ($10^{-6}/^{\circ}\text{C}$):
60

Regulatory Compliance

Certificate of Conformance:
[View](#)

Product Details

- Highly Scratch-Resistant
- High Visible Light Transmission
- Cost-Effective Alternative to Glass
- [Polycarbonate Plastic Windows](#) Also Available

Acrylic (PMMA) Plastic Windows are ideal for integration into lightweight optical systems. Compared to polycarbonate windows, acrylic windows are more scratch resistant and can be polished to restore optical quality but are more likely to chip or shatter. Acrylic (PMMA) Plastic Windows also provide a higher UV light transmission than polycarbonate and are recyclable. Acrylic windows are used in a wide variety of industrial and medical applications including aircraft windows, automobile headlights, and ophthalmological devices.

Technical Information

