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## 12.5mm Diameter IR Cut-Off Filter



Stock #55-234 [CONTACT US](#)

- 1 + A\$69<sup>.20</sup>

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Volume Pricing	
Qty 1-24	A\$69.20 each
Qty 25-49	A\$62.00 each
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### Product Downloads

#### General

IR Cut-Off Filter **Type:**

#### Physical & Mechanical Properties

12.50 ±0.25 **Diameter (mm):**

1.10 ±0.25 **Thickness (mm):**

≥90 **Clear Aperture (%):**

Ground

Edges:

## Optical Properties

710.00 **Cut-Off Wavelength (nm):**

**BOROFLOAT®**

**Substrate:**

Traditional Coated

**Coating:**

1.472 **Index of Refraction (n<sub>d</sub>):**

80-50 **Surface Quality:**

**Coating Specification:**  
Surface 1: T=50% @ 710±30nm, T<sub>avg</sub> >85% @ 480 - 680nm, T<sub>avg</sub> <10% @ 740 - 1200nm  
Surface 2: N/4 MgF<sub>2</sub>

480 - 1200 **Wavelength Range (nm):**

## Environmental & Durability Factors

<250 **Operating Temperature (°C):**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

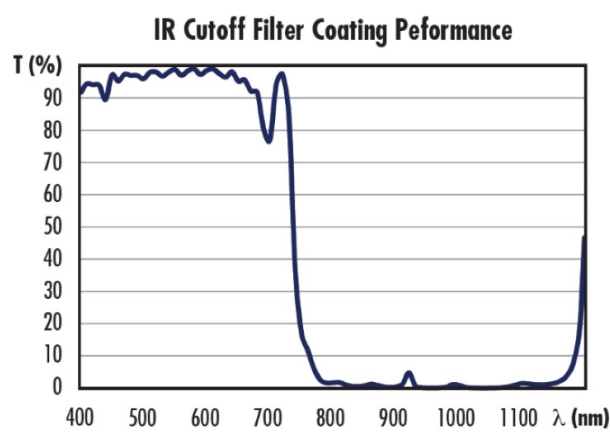
**Compliant** **REACH 241:**

## Product Details

- 710nm Cut-Off Wavelength
- Circular and Rectangular Options
- Various Sizes Available

IR Cut-Off Filters are ideal for eliminating illumination beyond the visible spectrum in many visual and detector-based applications. These filters feature a 710nm cut-off wavelength. IR Cut-Off Filters are traditionally coated and have a BOROFLOAT® substrate. BOROFLOAT® is about three times more resistant to thermal shock than standard soda lime glass. IR Cut-Off Filters are available in circular and rectangular versions with various sizes for each.

## Technical Information



**Quote Your Size**

**Compatible Mounts**