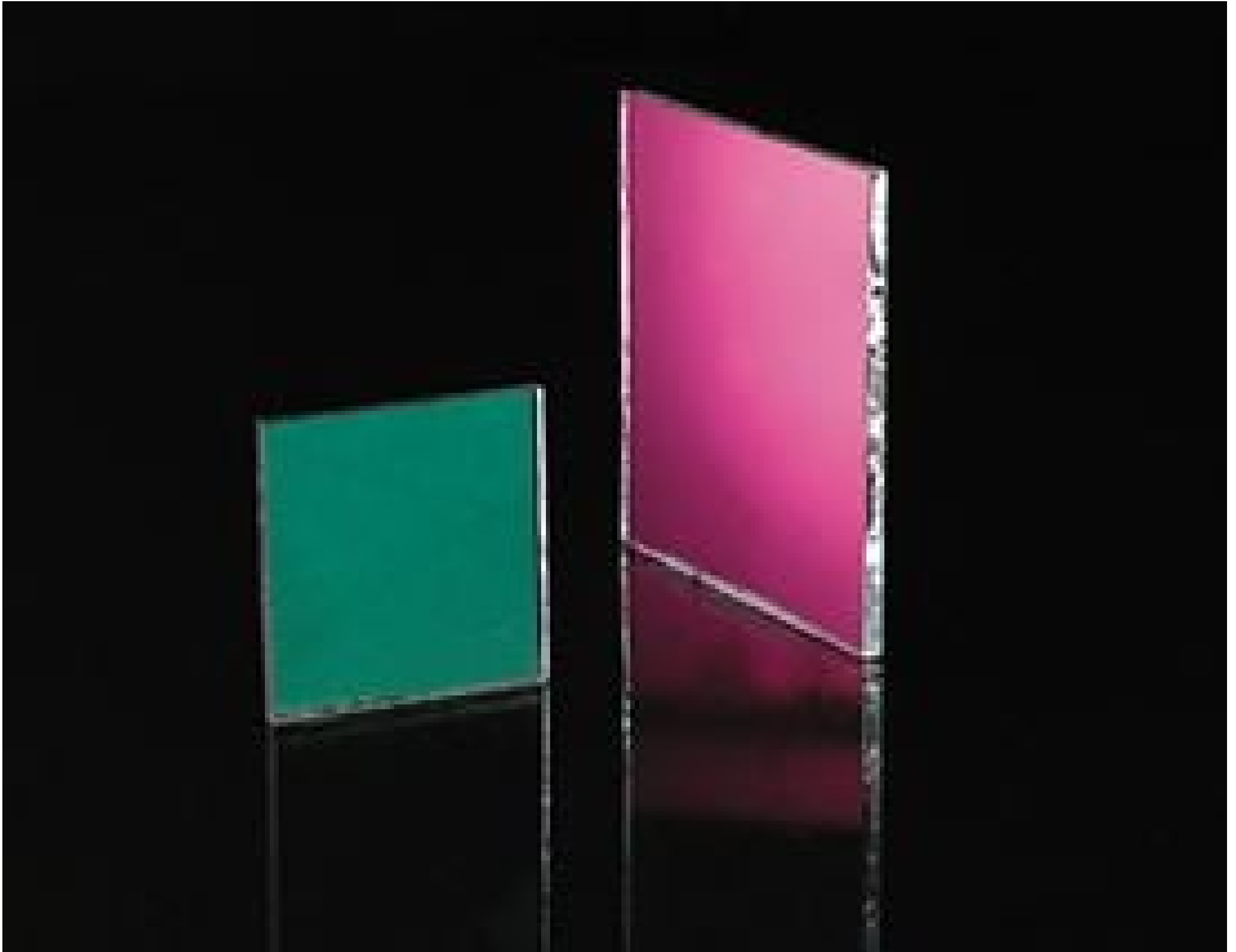


50mm Diameter IR Cut-Off Filter



Stock #54-517 **20+ In Stock**

- 1 + A\$152.⁸⁰

ADD TO CART

Volume Pricing

Qty 1-24	A\$152.80 each
Qty 25-49	A\$138.40 each
Need More?	Request Quote

Product Downloads

General

IR Cut-Off Filter **Type:**

Physical & Mechanical Properties

50.00 ±0.25 **Diameter (mm):**

3.30 ±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_d):**

80-50 **Surface Quality:**

Coating Specification:
Surface 1: T=50% @ 710±30nm, T_{avg} >85% @ 480 - 680nm, T_{avg} <10% @ 740 - 1200nm
Surface 2: N4 MgF₂

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

Environmental & Durability Factors

<250 **Operating Temperature (°C):**

Regulatory Compliance

Compliant **RoHS 2015:**

View **Certificate of Conformance:**

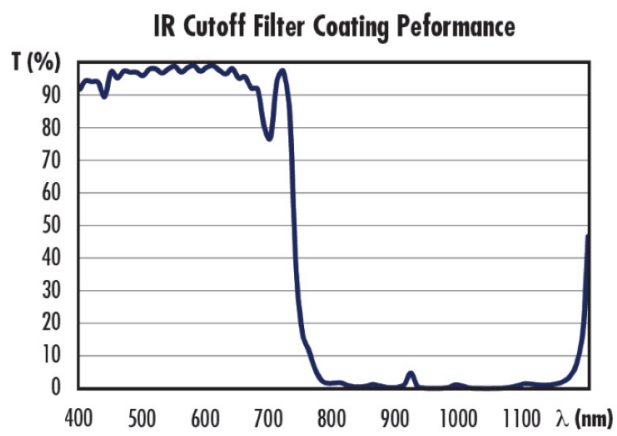
Compliant **Reach 247:**

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