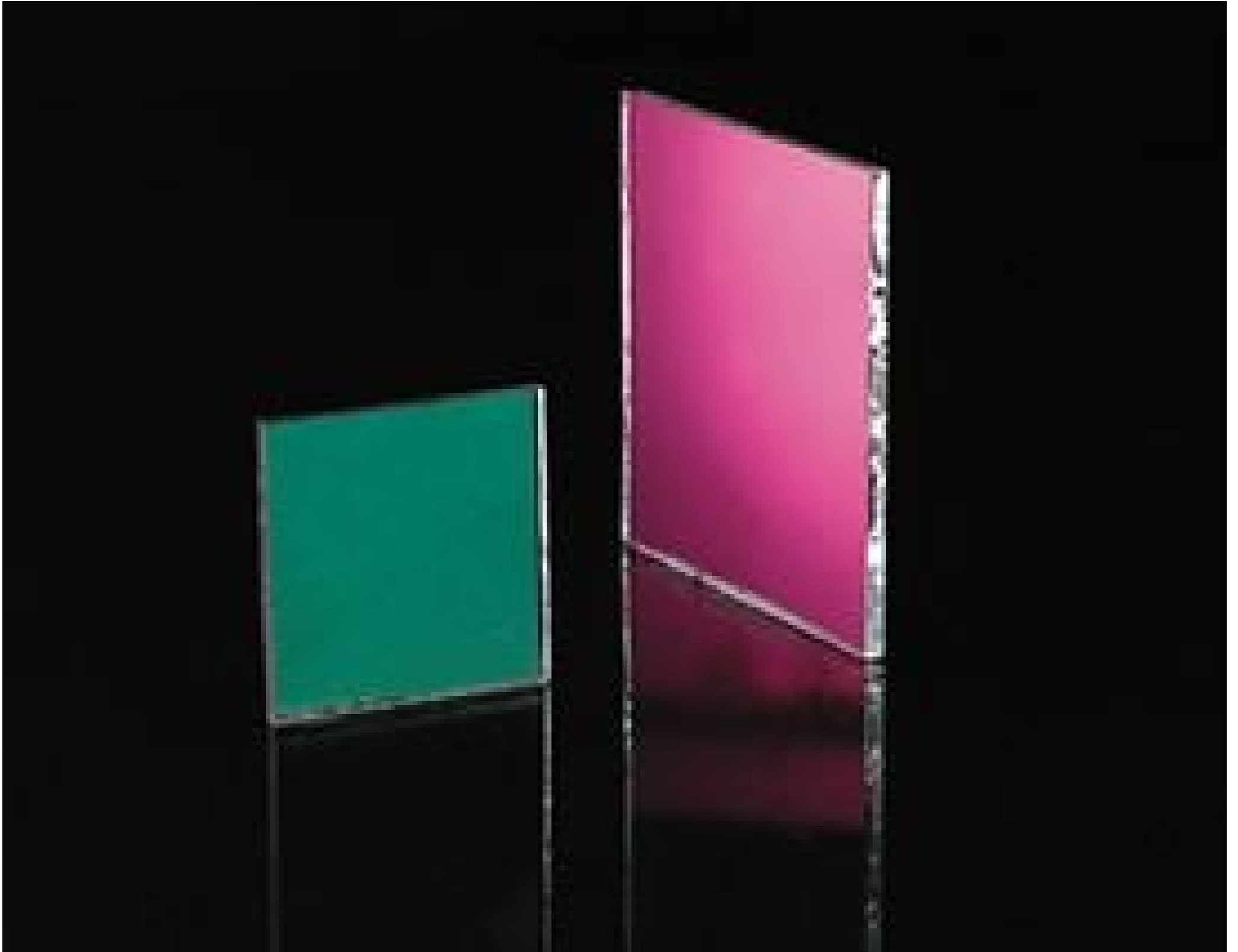


[See all 10 Products in Family](#)

## 50mm Square IR Cut-Off Filter



Stock #54-516 **5 In Stock**

S\$133<sup>.70</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-24	S\$133.70 each
Qty 25-49	S\$121.10 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

IR Cut-Off Filter Type:

#### Physical & Mechanical Properties

50.0 x 50.0 Dimensions (mm):

50.00 Length (mm):

3.30 ±0.25 Thickness (mm):

50.00	<b>Width (mm):</b>
±0.76	<b>Dimensional Tolerance (mm):</b>
≥90	<b>Clear Aperture (%):</b>
Seamed	<b>Edges:</b>

## Optical Properties

710.00	<b>Cut-Off Wavelength (nm):</b>
<a href="#">BOROFLOAT®</a>	<b>Substrate:</b>
Traditional Coated	<b>Coating:</b>
1.472	<b>Index of Refraction (n<sub>d</sub>):</b>
80-50	<b>Surface Quality:</b>
<b>Coating Specification:</b> Surface 1: T=50% @ 710±30nm, T <sub>avg</sub> >85% @ 480 - 680nm, T <sub>avg</sub> <10% @ 740 - 1200nm Surface 2: N4 MgF <sub>2</sub>	
480 - 1200	<b>Wavelength Range (nm):</b>

## Environmental & Durability Factors

<250	<b>Operating Temperature (°C):</b>
------	------------------------------------

## Regulatory Compliance

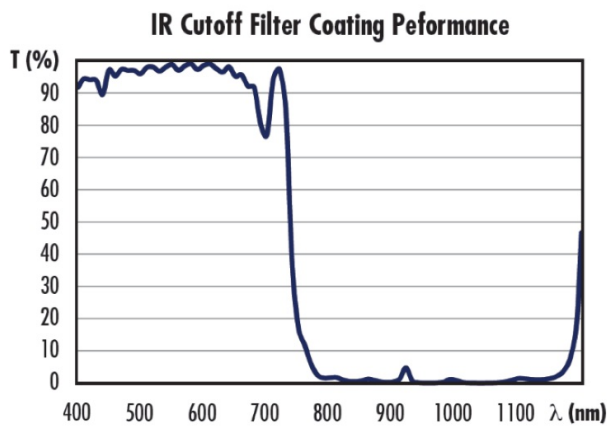
<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 247:</b>

## 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](#)

