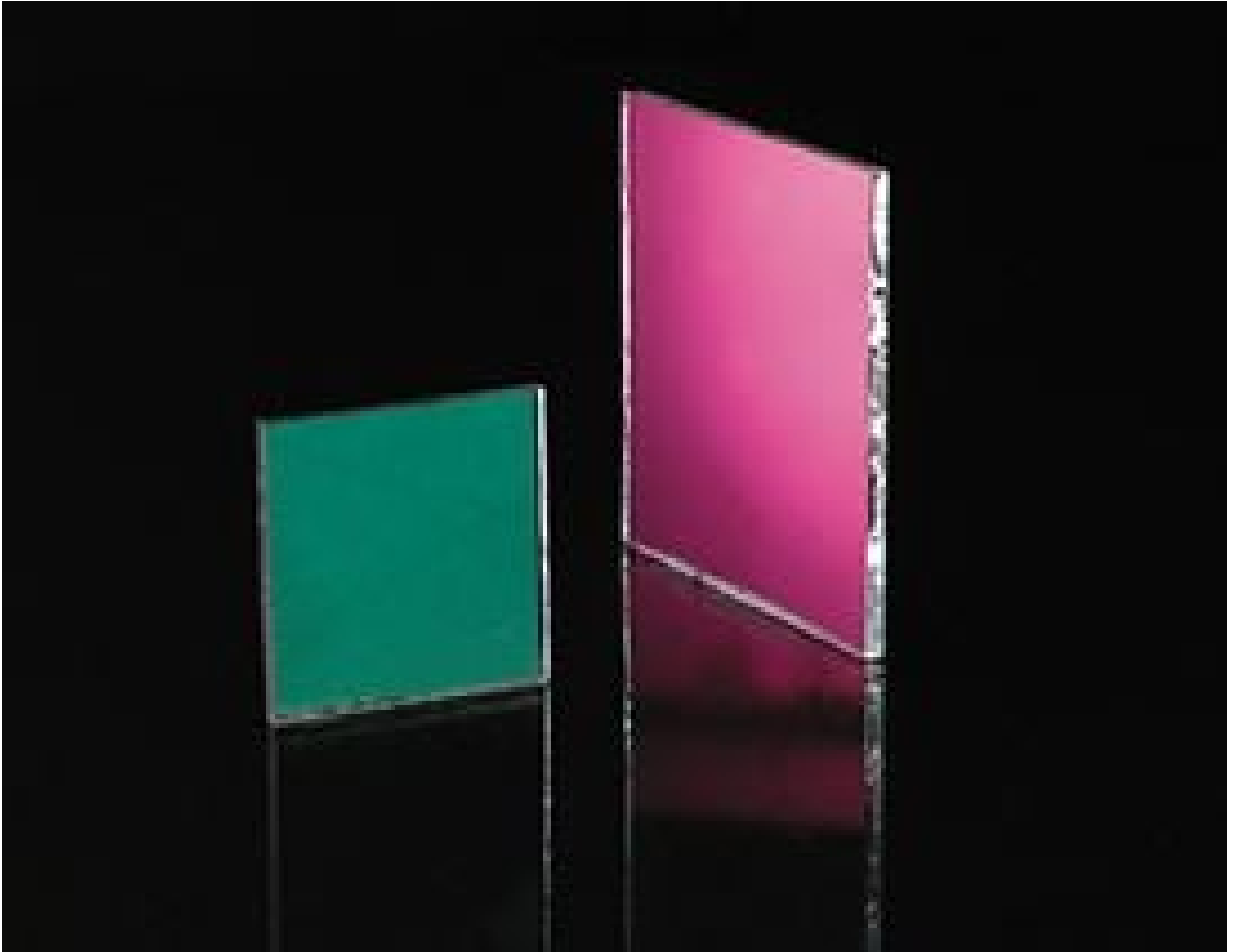


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## 20mm Square IR Cut-Off Filter



Stock #55-237 **2 In Stock**

- 1 + S\$66<sup>.50</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-24       | S\$66.50 each                 |
| Qty 25-49      | S\$59.85 each                 |
| Need More?     | <a href="#">Request Quote</a> |

### Product Downloads

#### General

IR Cut-Off Filter **Type:**

#### Physical & Mechanical Properties

20.0 x 20.0 **Dimensions (mm):**

20.00 **Length (mm):**

1.10 ±0.25 **Thickness (mm):**

|        |                                    |
|--------|------------------------------------|
| 20.00  | <b>Width (mm):</b>                 |
| ±0.25  | <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><br>Surface 1: T=50% @ 710±30nm, T <sub>avg</sub> >85% @ 480 - 680nm, T <sub>avg</sub> <10% @ 740 - 1200nm<br>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

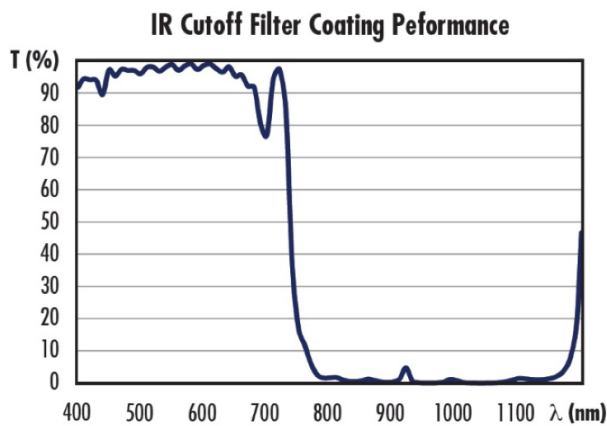
|                           |                                    |
|---------------------------|------------------------------------|
| <a href="#">Compliant</a> | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>      | <b>Certificate of Conformance:</b> |
| <a href="#">Compliant</a> | <b>Reach 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](#)