

# 12.5mm Square IR Cut-Off Filter



Stock #55-235 20+ In Stock

-

1

+

A\$69<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-24       | A\$69.20 each                 |
| Qty 25-49      | A\$62.00 each                 |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:

IR Cut-Off Filter

Physical & Mechanical Properties

Dimensions (mm):

12.5 x 12.5

Length (mm):

12.50

Thickness (mm):

1.10 ±0.25

|       |                             |
|-------|-----------------------------|
| 12.50 | Width (mm):                 |
| ±0.25 | Dimensional Tolerance (mm): |
| ≥90   | Clear Aperture (%):         |

|        |        |
|--------|--------|
| Seamed | Edges: |
|--------|--------|

Optical Properties

|                            |                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------|
| 710.00                     | Cut-Off Wavelength (nm):                                                                     |
| <a href="#">BOROFLOAT®</a> | Substrate:  |

|                    |          |
|--------------------|----------|
| Traditional Coated | Coating: |
|--------------------|----------|

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

|       |                  |
|-------|------------------|
| 80-50 | Surface Quality: |
|-------|------------------|

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

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

Environmental & Durability Factors

|      |                             |
|------|-----------------------------|
| <250 | Operating Temperature (°C): |
|------|-----------------------------|

Regulatory Compliance

|                           |            |
|---------------------------|------------|
| <a href="#">Compliant</a> | RoHS 2015: |
|---------------------------|------------|

|                      |                             |
|----------------------|-----------------------------|
| <a href="#">View</a> | Certificate of Conformance: |
|----------------------|-----------------------------|

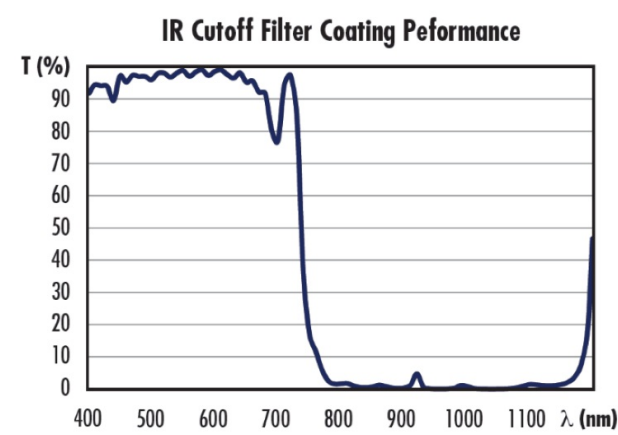
|                           |            |
|---------------------------|------------|
| <a href="#">Compliant</a> | Reach 247: |
|---------------------------|------------|

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

