

## 50mm Square IR Cut-Off Filter



Stock **#54-516** 9 In Stock

-

1

+

€95<sup>.50</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-24       | €95,50 each                   |
| Qty 25-49      | €86,50 each                   |
| Need More?     | <a href="#">Request Quote</a> |

 Prices shown are exclusive of VAT/local taxes

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      | Width (mm):                 |
| ±0.76      | Dimensional Tolerance (mm): |
| ≥90        | Clear Aperture (%):         |
| Seamed     | Edges:                      |

|                                                                                                                                                                     |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Optical Properties                                                                                                                                                  |                                        |
| 710.00                                                                                                                                                              | Cut-Off Wavelength (nm):               |
| <a href="#">BOROFLOAT®</a>                                                                                                                                          | Substrate: <input type="checkbox"/>    |
| 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: N/4 MgF <sub>2</sub> |                                        |
| 480 - 1200                                                                                                                                                          | Wavelength Range (nm):                 |

|                                    |                             |
|------------------------------------|-----------------------------|
| Environmental & Durability Factors |                             |
| <250                               | Operating Temperature (°C): |

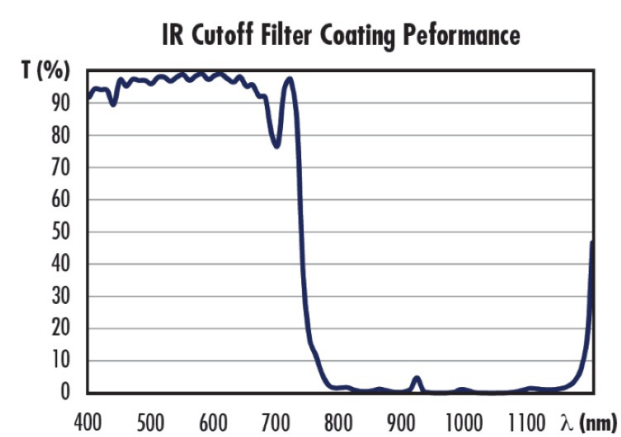
|                           |                             |
|---------------------------|-----------------------------|
| Regulatory Compliance     |                             |
| <a href="#">Compliant</a> | RoHS 2015:                  |
| <a href="#">View</a>      | Certificate of Conformance: |
| <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

