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## IR Cut-Off Filters



- 710nm Cut-Off Wavelength
- Circular and Rectangular Options
- Various Sizes Available

### Common Specifications

#### Physical & Mechanical Properties

|                     |     |
|---------------------|-----|
| Clear Aperture (%): | ≥90 |
|---------------------|-----|

#### Optical Properties

|                          |        |
|--------------------------|--------|
| Cut-Off Wavelength (nm): | 710.00 |
|--------------------------|--------|

|            |                            |
|------------|----------------------------|
| Substrate: | <a href="#">BOROFLOAT®</a> |
|------------|----------------------------|

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

|                                |       |
|--------------------------------|-------|
| Index of Refraction ( $n_d$ ): | 1.472 |
|--------------------------------|-------|

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

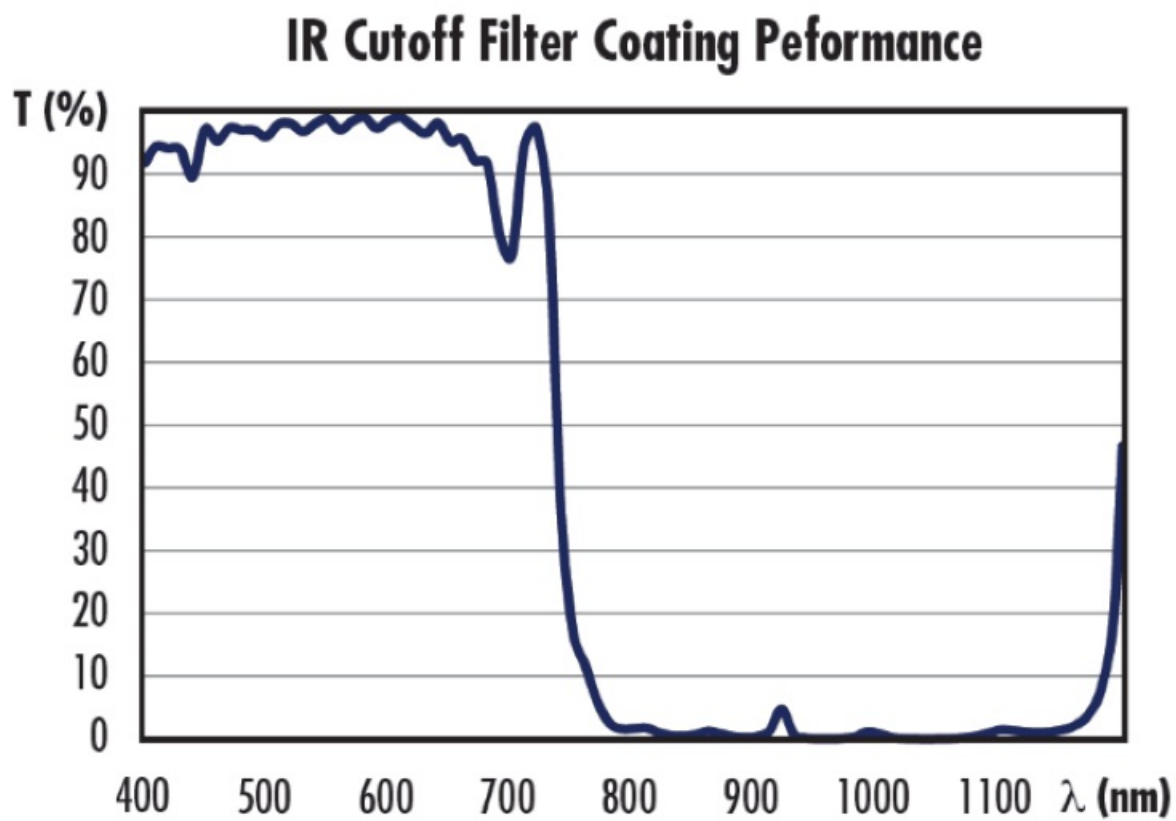
|                        |                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|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

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

#### Environmental & Durability Factors

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

## Technical Information



## Products

| Dimensions (mm) | Dia. (mm) | Cut-Off Wavelength (nm) | Wavelength Range (nm) | Stock Number            | Price                    | Buy           |
|-----------------|-----------|-------------------------|-----------------------|-------------------------|--------------------------|---------------|
| -               | 12.50     | 710.00                  | 480 - 1200            | <a href="#">#55-234</a> | ₹3,075<br>Qty 25+ ₹2,764 | 10 to 12 days |
| 12.5 x 12.5     | -         | 710.00                  | 480 - 1200            | <a href="#">#55-235</a> | ₹3,075<br>Qty 25+ ₹2,764 | 10 to 12 days |
| -               | 15.00     | 710.00                  | 480 - 1200            | <a href="#">#53-708</a> | ₹3,386<br>Qty 25+ ₹3,056 | 10 to 12 days |
| 15.0 x 15.0     | -         | 710.00                  | 480 - 1200            | <a href="#">#53-709</a> | ₹3,386<br>Qty 25+ ₹3,056 | 10 to 12 days |
| -               | 20.00     | 710.00                  | 480 - 1200            | <a href="#">#55-236</a> | ₹3,386<br>Qty 25+ ₹3,056 | 10 to 12 days |
| 20.0 x 20.0     | -         | 710.00                  | 480 - 1200            | <a href="#">#55-237</a> | ₹3,386<br>Qty 25+ ₹3,056 | 10 to 12 days |
| -               | 25.00     | 710.00                  | 480 - 1200            | <a href="#">#53-710</a> | ₹3,717<br>Qty 25+ ₹3,348 | 10 to 12 days |
| 25.0 x 25.0     | -         | 710.00                  | 480 - 1200            | <a href="#">#53-711</a> | ₹3,717<br>Qty 25+ ₹3,348 | 10 to 12 days |
| -               | 50.00     | 710.00                  | 480 - 1200            | <a href="#">#54-517</a> | ₹6,812<br>Qty 25+ ₹6,150 | 10 to 12 days |
| 50.0 x 50.0     | -         | 710.00                  | 480 - 1200            | <a href="#">#54-516</a> | ₹6,812<br>Qty 25+ ₹6,150 | 10 to 12 days |



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