

TECHSPEC<sup>®</sup> 900nm 50mm Diameter, OD 2.0 Longpass Filter



OD 2.0 Longpass Filters

Stock **#64-707** 17 In Stock

-

1

+

A\$384<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$384.00 each                |
| Qty 6-25       | A\$326.40 each                |
| Qty 26-49      | A\$307.20 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

| General                          |                 |
|----------------------------------|-----------------|
| Longpass Filter                  | Type:           |
| Physical & Mechanical Properties |                 |
| 50.00 +0.00/-0.20                | Diameter (mm):  |
| 5.00 ±0.1                        | Thickness (mm): |

|    |                     |
|----|---------------------|
| 80 | Clear Aperture (%): |
|----|---------------------|

Optical Properties

|      |                               |
|------|-------------------------------|
| 0    | Angle of Incidence (°):       |
| ≥2.0 | Optical Density OD (Average): |

---

|                                             |                                     |
|---------------------------------------------|-------------------------------------|
| 900.00                                      | Cut-On Wavelength (nm):             |
| <a href="#">Fused Silica</a> (Corning 7980) | Substrate: <input type="checkbox"/> |

---

|                    |                            |
|--------------------|----------------------------|
| Traditional Coated | Coating:                   |
| 675 - 855          | Rejection Wavelength (nm): |

---

|       |                   |
|-------|-------------------|
| 40-20 | Surface Quality:  |
| >85   | Transmission (%): |

---

|            |                               |
|------------|-------------------------------|
| 935 - 2000 | Transmission Wavelength (nm): |
| λ/4        | Transmitted Wavefront, P-V:   |

---

|      |                       |
|------|-----------------------|
| ±2   | Cut-On Tolerance (%): |
| 3.00 | Slope Factor (%):     |

---

|                                                                  |                        |
|------------------------------------------------------------------|------------------------|
| Coating Specification:                                           |                        |
| Surface 1: Multi-Layer Dielectric<br>Surface 2: MgF <sub>2</sub> |                        |
| 675 - 2000                                                       | Wavelength Range (nm): |

---

Regulatory Compliance

|                           |            |
|---------------------------|------------|
| <a href="#">Compliant</a> | RoHS 2015: |
| <a href="#">Compliant</a> | Reach 219: |

---

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

---

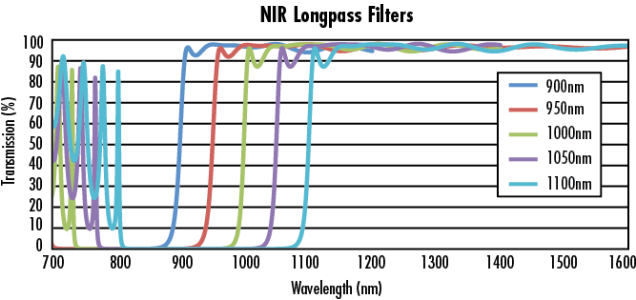
## Product Details

- Sharp Cut-On Wavelength
- High Rejection/Transmission Efficiency
- Precision Fused Silica Substrate
- Variety of [OD 2.0 Longpass Filter Kits](#) are Available

TECHSPEC® OD 2.0 Longpass Filters are designed to have a sharp transition from reflection to transmission, making them ideal for various applications. Available in a variety of cut-on wavelengths, these filters are designed for fluorescence and order sorting applications. These filters feature precision fused silica substrate and high rejection/transmission efficiency. TECHSPEC® OD 2.0 Longpass Filters have a single-layer AR coating on the back surface that enhances the overall efficiency of each filter. Eliminate stray light by creating custom bandpass filters when combined with [TECHSPEC® OD 2.0 Shortpass Filters](#). A single layer AR coating on the back surface enhances the overall efficiency of each filter.

**Note:** Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact [kits@edmundoptics.com](mailto:kits@edmundoptics.com).

## Technical Information



## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness

- Tight tolerances and complex geometries
  - Scalable production—from prototype to volume
- Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Compatible Mounts

;