

TECHSPEC<sup>®</sup> VIS (400-700nm) OD 4.0 50nm Bandpass Filter Kit, 50mm Dia



Stock #88-310 1 In Stock

-

1

+

S\$4,526<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | S\$4,526.20 each              |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Filters Included :

CWL: [400nm](#), [450nm](#), [500nm](#), [550nm](#), [600nm](#), [650nm](#), [700nm](#)

Type:

Bandpass Filter

Typical Applications:

Bio-Imaging, Fluorescence Microscopy, Machine Vision

Number of Filters:

7

Physical & Mechanical Properties

|                                       |  |
|---------------------------------------|--|
| Diameter (mm):                        |  |
| 50.00                                 |  |
| Physical Durability:                  |  |
| Adhesion: ML-C-48497A, 3.4.1.1        |  |
| Abrasion: ML-C-48497A, 3.4.1.3        |  |
| Temperature: ML-C-48497A, 3.4.2.1     |  |
| Cleaning: ML-C-48497A, 3.4.2.16       |  |
| Optical Properties                    |  |
| Optical Density OD (Average):         |  |
| ≥4.0                                  |  |
| Full Width-Half Max FWHM (nm):        |  |
| 50.00                                 |  |
| Coating:                              |  |
| Hard Coated                           |  |
| Wavelength:                           |  |
| VIS                                   |  |
| Environmental & Durability Factors    |  |
| Environmental Durability:             |  |
| Humidity: MIL-STD 810.F, Method 507.4 |  |
| Regulatory Compliance                 |  |
| Certificate of Conformance:           |  |
| <a href="#">View</a>                  |  |

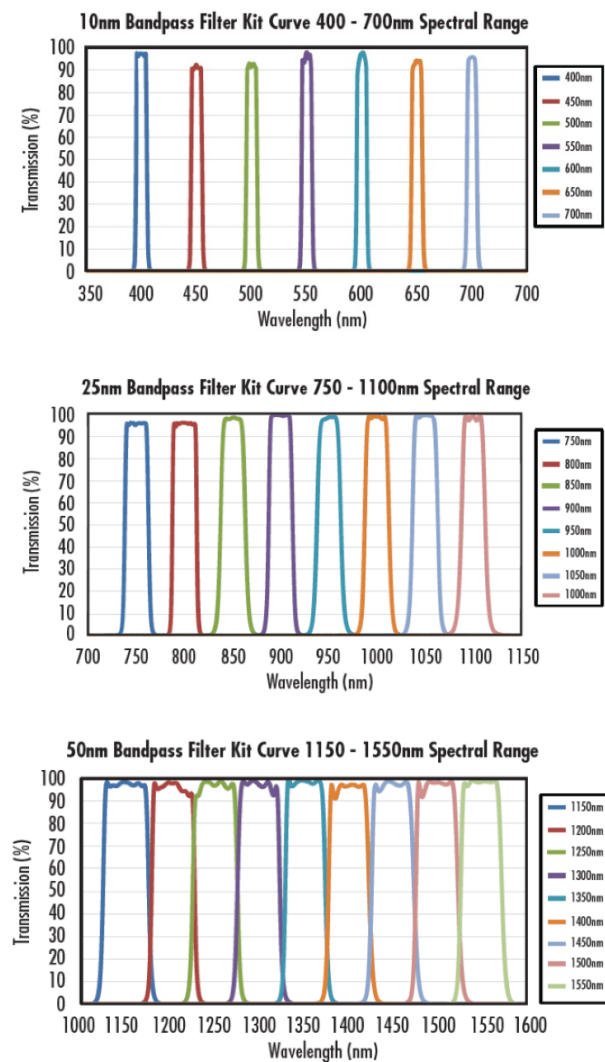
## Product Details

- High Transmission with Flat Transmission Profile
- Durable Hard Coatings on a Single Glass Substrate
- Easily Handled and Cleaned
- Individual OD 4.0 **10nm**, **25nm**, and **50nm** Bandpass Filters Also Available
- Note: Potential change of packaging

TECHSPEC® Hard Coated OD 4.0 Bandpass Filter Kits include a variety of optical bandpass filters that are designed for narrowband to broadband performance in the visible, near-infrared, or infrared wavelength ranges. The included optical bandpass filters are manufactured using a single glass substrate to remove the potential performance loss caused by absorbing glass or silver blocking layers, custom dyes, or lamination. TECHSPEC® Hard Coated OD 4.0 Bandpass Filters Kits are ideal for applications including chemical analysis, bio-imaging, or machine vision.

**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



| Center Wavelength | 12.5mm Diameter (#88-292) | 25.0mm Diameter (#88-299) | 50mm Diameter (#88-306) |
|-------------------|---------------------------|---------------------------|-------------------------|
| 400nm             | #65-071                   | #65-132                   | #65-193                 |
| 450nm             | #65-079                   | #65-140                   | #65-201                 |

|       |                         |                         |                         |
|-------|-------------------------|-------------------------|-------------------------|
| 500nm | <a href="#">#65-088</a> | <a href="#">#65-149</a> | <a href="#">#65-210</a> |
| 550nm | <a href="#">#65-098</a> | <a href="#">#65-159</a> | <a href="#">#65-220</a> |
| 600nm | <a href="#">#65-102</a> | <a href="#">#65-163</a> | <a href="#">#65-224</a> |
| 650nm | <a href="#">#65-109</a> | <a href="#">#65-170</a> | <a href="#">#65-230</a> |
| 700nm | <a href="#">#87-888</a> | <a href="#">#88-012</a> | <a href="#">#88-018</a> |

| Center Wavelength | 12.5mm Diameter ( <a href="#">#88-293</a> ) | 25.0mm Diameter ( <a href="#">#88-300</a> ) | 50mm Diameter ( <a href="#">#88-307</a> ) |
|-------------------|---------------------------------------------|---------------------------------------------|-------------------------------------------|
| 400nm             | <a href="#">#86-640</a>                     | <a href="#">#86-652</a>                     | <a href="#">#86-664</a>                   |
| 450nm             | <a href="#">#86-641</a>                     | <a href="#">#86-653</a>                     | <a href="#">#86-665</a>                   |
| 500nm             | <a href="#">#86-642</a>                     | <a href="#">#86-654</a>                     | <a href="#">#86-666</a>                   |
| 550nm             | <a href="#">#86-643</a>                     | <a href="#">#86-655</a>                     | <a href="#">#86-667</a>                   |
| 600nm             | <a href="#">#86-644</a>                     | <a href="#">#86-656</a>                     | <a href="#">#86-668</a>                   |
| 650nm             | <a href="#">#86-645</a>                     | <a href="#">#86-657</a>                     | <a href="#">#86-669</a>                   |
| 700nm             | <a href="#">#86-646</a>                     | <a href="#">#86-658</a>                     | <a href="#">#86-670</a>                   |
|                   |                                             |                                             |                                           |
| Center Wavelength | 12.5mm Diameter ( <a href="#">#88-294</a> ) | 25.0mm Diameter ( <a href="#">#88-301</a> ) | 50mm Diameter ( <a href="#">#88-308</a> ) |
| 750nm             | <a href="#">#86-647</a>                     | <a href="#">#86-659</a>                     | <a href="#">#86-671</a>                   |
| 800nm             | <a href="#">#86-648</a>                     | <a href="#">#86-660</a>                     | <a href="#">#86-672</a>                   |
| 850nm             | <a href="#">#86-649</a>                     | <a href="#">#86-661</a>                     | <a href="#">#86-673</a>                   |
| 900nm             | <a href="#">#86-650</a>                     | <a href="#">#86-662</a>                     | <a href="#">#86-674</a>                   |
| 950nm             | <a href="#">#86-651</a>                     | <a href="#">#86-663</a>                     | <a href="#">#86-675</a>                   |
| 1000nm            | <a href="#">#87-811</a>                     | <a href="#">#87-823</a>                     | <a href="#">#87-835</a>                   |
| 1050nm            | <a href="#">#87-812</a>                     | <a href="#">#87-824</a>                     | <a href="#">#87-836</a>                   |
| 1100nm            | <a href="#">#87-813</a>                     | <a href="#">#87-825</a>                     | <a href="#">#87-837</a>                   |
|                   |                                             |                                             |                                           |
| Center Wavelength | 12.5mm Diameter ( <a href="#">#88-295</a> ) | 25.0mm Diameter ( <a href="#">#88-302</a> ) | 50mm Diameter ( <a href="#">#88-309</a> ) |
| 1150nm            | <a href="#">#87-814</a>                     | <a href="#">#87-826</a>                     | <a href="#">#87-838</a>                   |
| 1200nm            | <a href="#">#87-815</a>                     | <a href="#">#87-827</a>                     | <a href="#">#87-839</a>                   |
| 1250nm            | <a href="#">#87-816</a>                     | <a href="#">#87-828</a>                     | <a href="#">#87-840</a>                   |
| 1300nm            | <a href="#">#87-817</a>                     | <a href="#">#87-829</a>                     | <a href="#">#87-841</a>                   |
| 1350nm            | <a href="#">#87-818</a>                     | <a href="#">#87-830</a>                     | <a href="#">#87-842</a>                   |
| 1400nm            | <a href="#">#87-819</a>                     | <a href="#">#87-831</a>                     | <a href="#">#87-843</a>                   |
| 1450nm            | <a href="#">#87-820</a>                     | <a href="#">#87-832</a>                     | <a href="#">#87-844</a>                   |
| 1500nm            | <a href="#">#87-821</a>                     | <a href="#">#87-833</a>                     | <a href="#">#87-845</a>                   |
| 1550nm            | <a href="#">#87-822</a>                     | <a href="#">#87-834</a>                     | <a href="#">#87-846</a>                   |

| Center Wavelength | 12.5mm Diameter ( <a href="#">#88-296</a> ) | 25.0mm Diameter ( <a href="#">#88-303</a> ) | 50mm Diameter ( <a href="#">#88-310</a> ) |
|-------------------|---------------------------------------------|---------------------------------------------|-------------------------------------------|
| 400nm             | <a href="#">#84-769</a>                     | <a href="#">#84-781</a>                     | <a href="#">#84-793</a>                   |
| 450nm             | <a href="#">#84-770</a>                     | <a href="#">#84-782</a>                     | <a href="#">#84-794</a>                   |
| 500nm             | <a href="#">#84-771</a>                     | <a href="#">#84-783</a>                     | <a href="#">#84-795</a>                   |
| 550nm             | <a href="#">#84-772</a>                     | <a href="#">#84-784</a>                     | <a href="#">#84-796</a>                   |
| 600nm             | <a href="#">#84-773</a>                     | <a href="#">#84-785</a>                     | <a href="#">#84-797</a>                   |
| 650nm             | <a href="#">#84-774</a>                     | <a href="#">#84-786</a>                     | <a href="#">#84-798</a>                   |
| 700nm             | <a href="#">#84-775</a>                     | <a href="#">#84-787</a>                     | <a href="#">#84-799</a>                   |
|                   |                                             |                                             |                                           |
| Center Wavelength | 12.5mm Diameter ( <a href="#">#88-297</a> ) | 25.0mm Diameter ( <a href="#">#88-304</a> ) | 50mm Diameter ( <a href="#">#88-311</a> ) |
| 750nm             | <a href="#">#84-776</a>                     | <a href="#">#84-788</a>                     | <a href="#">#84-800</a>                   |
| 800nm             | <a href="#">#84-777</a>                     | <a href="#">#84-789</a>                     | <a href="#">#84-801</a>                   |
| 850nm             | <a href="#">#84-778</a>                     | <a href="#">#84-790</a>                     | <a href="#">#84-802</a>                   |
| 900nm             | <a href="#">#84-779</a>                     | <a href="#">#84-791</a>                     | <a href="#">#84-803</a>                   |
| 950nm             | <a href="#">#84-780</a>                     | <a href="#">#84-792</a>                     | <a href="#">#84-804</a>                   |
| 1000nm            | <a href="#">#85-880</a>                     | <a href="#">#85-892</a>                     | <a href="#">#85-904</a>                   |
| 1050nm            | <a href="#">#85-881</a>                     | <a href="#">#85-893</a>                     | <a href="#">#85-905</a>                   |
| 1100nm            | <a href="#">#85-882</a>                     | <a href="#">#85-894</a>                     | <a href="#">#85-906</a>                   |
|                   |                                             |                                             |                                           |
| Center Wavelength | 12.5mm Diameter ( <a href="#">#88-298</a> ) | 25.0mm Diameter ( <a href="#">#88-305</a> ) | 50mm Diameter ( <a href="#">#88-312</a> ) |
| 1150nm            | <a href="#">#85-883</a>                     | <a href="#">#85-895</a>                     | <a href="#">#85-907</a>                   |
| 1200nm            | <a href="#">#85-884</a>                     | <a href="#">#85-896</a>                     | <a href="#">#85-908</a>                   |
| 1250nm            | <a href="#">#85-885</a>                     | <a href="#">#85-897</a>                     | <a href="#">#85-909</a>                   |
| 1300nm            | <a href="#">#85-886</a>                     | <a href="#">#85-898</a>                     | <a href="#">#85-910</a>                   |
| 1350nm            | <a href="#">#85-887</a>                     | <a href="#">#85-899</a>                     | <a href="#">#85-911</a>                   |

|        |         |         |         |
|--------|---------|---------|---------|
| 1400nm | #85-888 | #85-900 | #85-912 |
| 1450nm | #85-889 | #85-901 | #85-913 |
| 1500nm | #85-890 | #85-902 | #85-914 |
| 1550nm | #85-891 | #85-903 | #85-915 |