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TECHSPEC® IR (1150-1550nm) OD 4.0 50nm Bandpass Filter Kit, 25mm Dia



Stock #88-305 [CONTACT US](#)

- 1 + MRP ₹2,37,395

● Price inclusive of all taxes

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1+ | ₹2,37,395 each |
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Product Downloads

General

Filters Included :
 CWL: [1150nm](#), [1200nm](#), [1250nm](#), [1300nm](#),
[1350nm](#), [1400nm](#), [1450nm](#), [1500nm](#), [1550nm](#)

Type:
 Bandpass Filter

Typical Applications:
 Bio-Imaging, Fluorescence Microscopy, Machine Vision

Number of Filters:
 9

Physical & Mechanical Properties

Diameter (mm):
25.00

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, 3.4.2.21

Optical Properties

Optical Density OD (Average):
≥4.0

Full Width-Half Max FWHM (nm):
50.00

Coating:
Hard Coated

Wavelength:
IR

Environmental & Durability Factors

Environmental Durability:
Humidity: ML-STD 810.F, Method 507.4

Regulatory Compliance

Certificate of Conformance:
[View](#)

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

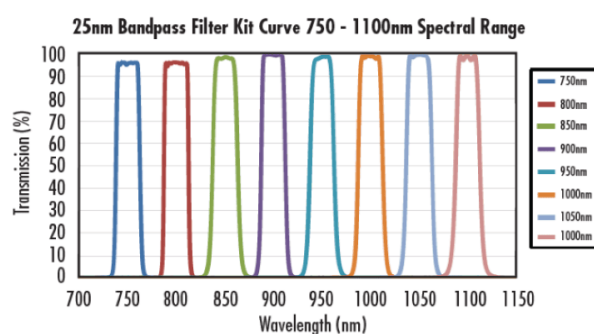
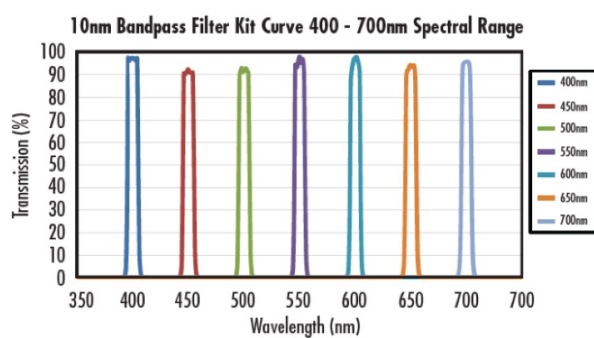
Product Details

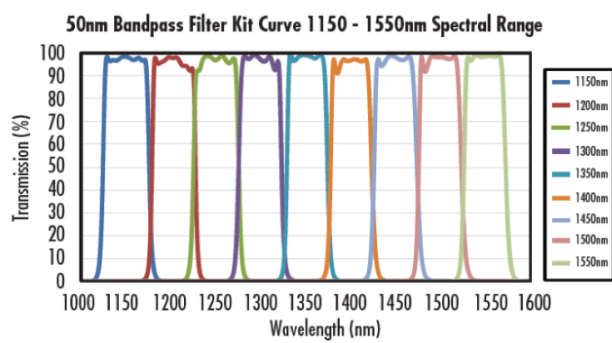
- High Transmission with Flat Transmission Profile
- Durable Hard Coatings on a Single Glass Substrate
- Easily Handled and Cleaned
- Individual OD 4.0 **10nm**, **25nm**, and **50nm** Bandpass Filters Also Available
- Note: Potential change of packaging

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.

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 | #65-088 | #65-149 | #65-210 |
| 550nm | #65-098 | #65-159 | #65-220 |
| 600nm | #65-102 | #65-163 | #65-224 |
| 650nm | #65-109 | #65-170 | #65-230 |
| 700nm | #87-888 | #88-012 | #88-018 |

| Center Wavelength | 12.5mm Diameter (#88-293) | 25.0mm Diameter (#88-300) | 50mm Diameter (#88-307) |
|-------------------|---------------------------|---------------------------|-------------------------|
| 400nm | #86-640 | #86-652 | #86-664 |
| 450nm | #86-641 | #86-653 | #86-665 |
| 500nm | #86-642 | #86-654 | #86-666 |
| 550nm | #86-643 | #86-655 | #86-667 |
| 600nm | #86-644 | #86-656 | #86-668 |
| 650nm | #86-645 | #86-657 | #86-669 |
| 700nm | #86-646 | #86-658 | #86-670 |

| Center Wavelength | 12.5mm Diameter (#88-294) | 25.0mm Diameter (#88-301) | 50mm Diameter (#88-308) |
|-------------------|---------------------------|---------------------------|-------------------------|
| 750nm | #86-647 | #86-659 | #86-671 |
| 800nm | #86-648 | #86-660 | #86-672 |
| 850nm | #86-649 | #86-661 | #86-673 |
| 900nm | #86-650 | #86-662 | #86-674 |
| 950nm | #86-651 | #86-663 | #86-675 |
| 1000nm | #87-811 | #87-823 | #87-835 |
| 1050nm | #87-812 | #87-824 | #87-836 |
| 1100nm | #87-813 | #87-825 | #87-837 |

| Center Wavelength | 12.5mm Diameter (#88-295) | 25.0mm Diameter (#88-302) | 50mm Diameter (#88-309) |
|-------------------|---------------------------|---------------------------|-------------------------|
| 1150nm | #87-814 | #87-826 | #87-838 |
| 1200nm | #87-815 | #87-827 | #87-839 |
| 1250nm | #87-816 | #87-828 | #87-840 |
| 1300nm | #87-817 | #87-829 | #87-841 |
| 1350nm | #87-818 | #87-830 | #87-842 |
| 1400nm | #87-819 | #87-831 | #87-843 |
| 1450nm | #87-820 | #87-832 | #87-844 |
| 1500nm | #87-821 | #87-833 | #87-845 |
| 1550nm | #87-822 | #87-834 | #87-846 |

| Center Wavelength | 12.5mm Diameter (#88-296) | 25.0mm Diameter (#88-303) | 50mm Diameter (#88-310) |
|-------------------|---------------------------|---------------------------|-------------------------|
| 400nm | #84-769 | #84-781 | #84-793 |
| 450nm | #84-770 | #84-782 | #84-794 |
| 500nm | #84-771 | #84-783 | #84-795 |
| 550nm | #84-772 | #84-784 | #84-796 |
| 600nm | #84-773 | #84-785 | #84-797 |
| 650nm | #84-774 | #84-786 | #84-798 |
| 700nm | #84-775 | #84-787 | #84-799 |

| Center Wavelength | 12.5mm Diameter (#88-297) | 25.0mm Diameter (#88-304) | 50mm Diameter (#88-311) |
|-------------------|---------------------------|---------------------------|-------------------------|
| 750nm | #84-776 | #84-788 | #84-800 |
| 800nm | #84-777 | #84-789 | #84-801 |
| 850nm | #84-778 | #84-790 | #84-802 |

| | | | |
|-------------------|---|---|---|
| 900nm | #84-779 | #84-791 | #84-803 |
| 950nm | #84-780 | #84-792 | #84-804 |
| 1000nm | #85-880 | #85-892 | #85-904 |
| 1050nm | #85-881 | #85-893 | #85-905 |
| 1100nm | #85-882 | #85-894 | #85-906 |
| | | | |
| Center Wavelength | 12.5mm Diameter (#88-298) | 25.0mm Diameter (#88-305) | 50mm Diameter (#88-312) |
| 1150nm | #85-883 | #85-895 | #85-907 |
| 1200nm | #85-884 | #85-896 | #85-908 |
| 1250nm | #85-885 | #85-897 | #85-909 |
| 1300nm | #85-886 | #85-898 | #85-910 |
| 1350nm | #85-887 | #85-899 | #85-911 |
| 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 |