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TECHSPEC® VIS 400 - 700nm, 12.5mm Dia. Shortpass Filter Kit (13 Filters)



Stock #86-453 [CONTACT US](#)

1 **\$2,933⁰⁰**

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| Volume Pricing | |
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| Qty 1+ | \$2,933.00 each |
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Product Downloads

General

Filters Included :
Cut-Off Wavelength: [400nm](#) , [425nm](#) , [450nm](#) ,
[475nm](#) , [500nm](#) , [525nm](#) , [550nm](#) , [575nm](#) , [600nm](#) ,
[625nm](#) , [650nm](#) , [675nm](#) , [700nm](#)

Type:
Shortpass Filter

Number of Filters:
13.00

Physical & Mechanical Properties

Diameter (mm):
12.50

Optical Properties

Optical Density OD (Average):
≥4.0

Substrate:
[Fused Silica](#) (Coming 7980)

Coating:
Hard Coated

Transmission (%):
≥91

Coating Specification:
Surface 1: Hard Dielectric Sputtered
Surface 2: AR Coated

Wavelength Range (nm):
300 - 1030

Regulatory Compliance

Certificate of Conformance:
[View](#)

Product Details

- Precision Cut-On and Cut-Off Wavelengths
- OD 4.0 Shortpass or OD 4.0 Longpass Configurations
- Ideal for Lab Integration
- Note: Potential change of packaging

Ideal for prototyping, research and development, and lab use, TECHSPEC® OD 4.0 High Performance Shortpass and Longpass Filter Kits are offered in a variety of configurations. Each kit contains [OD 4.0 Shortpass filters](#) or [OD 4.0 Longpass filters](#) offered at discounted prices when compared to purchasing each filter individually. Basic filtering kits are available in increments of 50nm and complete kits offer filters in 25nm increments.

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

| Cut-Off Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|--------------------|-------------------------|-------------------------|-------------------------|
| 400nm | #84-689 | #84-702 | #84-715 |
| 425nm | #84-690 | #84-703 | #84-716 |
| 450nm | #84-691 | #84-704 | #84-717 |
| 475nm | #84-692 | #84-705 | #84-718 |
| 500nm | #84-693 | #84-706 | #84-719 |
| 525nm | #84-694 | #84-707 | #84-720 |
| 550nm | #84-695 | #84-708 | #84-721 |
| 575nm | #84-696 | #84-709 | #84-722 |
| 600nm | #84-697 | #84-710 | #84-723 |
| 625nm | #84-698 | #84-711 | #84-724 |
| 650nm | #84-699 | #84-712 | #84-725 |
| 675nm | #84-700 | #84-713 | #84-726 |
| 700nm | #84-701 | #84-714 | #84-727 |

| Cut-Off Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|--------------------|-------------------------|-------------------------|-------------------------|
| 400nm | #84-689 | #84-702 | #84-715 |
| 450nm | #84-691 | #84-704 | #84-717 |
| 500nm | #84-693 | #84-706 | #84-719 |
| 550nm | #84-695 | #84-708 | #84-721 |
| 600nm | #84-697 | #84-710 | #84-723 |
| 650nm | #84-699 | #84-712 | #84-725 |
| 700nm | #84-701 | #84-714 | #84-727 |

| Cut-Off Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|--------------------|-------------------------|-------------------------|-------------------------|
| 725nm | #86-095 | #86-103 | #86-111 |
| 750nm | #64-324 | #64-332 | #84-728 |
| 775nm | #86-096 | #86-104 | #86-112 |
| 800nm | #64-325 | #64-333 | #84-729 |
| 825nm | #86-097 | #86-105 | #86-113 |

| | | | |
|--------|---------|---------|---------|
| 850nm | #64-326 | #64-334 | #84-730 |
| 875nm | #86-098 | #86-106 | #86-114 |
| 900nm | #64-327 | #64-335 | #84-731 |
| 925nm | #86-099 | #86-107 | #86-115 |
| 950nm | #64-328 | #64-336 | #84-732 |
| 975nm | #86-100 | #86-108 | #86-116 |
| 1000nm | #64-329 | #64-337 | #84-733 |
| 1025nm | #86-101 | #86-109 | #86-117 |
| 1050nm | #64-330 | #64-338 | #84-734 |
| 1075nm | #86-102 | #86-110 | #86-118 |
| 1100nm | #64-331 | #64-339 | #84-735 |

| Cut-Off Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|--------------------|-----------------|-----------------|-----------------|
| 750nm | #64-324 | #64-332 | #84-728 |
| 800nm | #64-325 | #64-333 | #84-729 |
| 850nm | #64-326 | #64-334 | #84-730 |
| 900nm | #64-327 | #64-335 | #84-731 |
| 950nm | #64-328 | #64-336 | #84-732 |
| 1000nm | #64-329 | #64-337 | #84-733 |
| 1050nm | #64-330 | #64-338 | #84-734 |
| 1100nm | #64-331 | #64-339 | #84-735 |

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| 400nm | #84-689 | #84-702 | #84-715 |
| 425nm | #84-690 | #84-703 | #84-716 |
| 450nm | #84-691 | #84-704 | #84-717 |
| 475nm | #84-692 | #84-705 | #84-718 |
| 500nm | #84-693 | #84-706 | #84-719 |
| 525nm | #84-694 | #84-707 | #84-720 |
| 550nm | #84-695 | #84-708 | #84-721 |
| 575nm | #84-696 | #84-709 | #84-722 |
| 600nm | #84-697 | #84-710 | #84-723 |
| 625nm | #84-698 | #84-711 | #84-724 |
| 650nm | #84-699 | #84-712 | #84-725 |
| 675nm | #84-700 | #84-713 | #84-726 |
| 700nm | #84-701 | #84-714 | #84-727 |
| 725nm | #86-095 | #86-103 | #86-111 |
| 750nm | #64-324 | #64-332 | #84-728 |
| 775nm | #86-096 | #86-104 | #86-112 |
| 800nm | #64-325 | #64-333 | #84-729 |
| 825nm | #86-097 | #86-105 | #86-113 |
| 850nm | #64-326 | #64-334 | #84-730 |
| 875nm | #86-098 | #86-106 | #86-114 |
| 900nm | #64-327 | #64-335 | #84-731 |
| 925nm | #86-099 | #86-107 | #86-115 |
| 950nm | #64-328 | #64-336 | #84-732 |
| 975nm | #86-100 | #86-108 | #86-116 |
| 1000nm | #64-329 | #64-337 | #84-733 |
| 1025nm | #86-101 | #86-109 | #86-117 |
| 1050nm | #64-330 | #64-338 | #84-734 |
| 1075nm | #86-102 | #86-110 | #86-118 |
| 1100nm | #64-331 | #64-339 | #84-735 |

| Cut-Off Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
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| 400nm | #84-689 | #84-702 | #84-715 |
| 450nm | #84-691 | #84-704 | #84-717 |
| 500nm | #84-693 | #84-706 | #84-719 |
| 550nm | #84-695 | #84-708 | #84-721 |
| 600nm | #84-697 | #84-710 | #84-723 |
| 650nm | #84-699 | #84-712 | #84-725 |
| 700nm | #84-701 | #84-714 | #84-727 |

| | | | |
|--------|---------|---------|---------|
| 750nm | #64-324 | #64-332 | #84-728 |
| 800nm | #64-325 | #64-333 | #84-729 |
| 850nm | #64-326 | #64-334 | #84-730 |
| 900nm | #64-327 | #64-335 | #84-731 |
| 950nm | #64-328 | #64-336 | #84-732 |
| 1000nm | #64-329 | #64-337 | #84-733 |
| 1050nm | #64-330 | #64-338 | #84-734 |
| 1100nm | #64-331 | #64-339 | #84-735 |

| Cut-On Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|-------------------|-----------------|-----------------|-----------------|
| 400nm | #62-974 | #62-981 | #84-754 |
| 425nm | #84-736 | #84-742 | #84-748 |
| 450nm | #62-975 | #62-982 | #84-755 |
| 475nm | #84-737 | #84-743 | #84-749 |
| 500nm | #62-976 | #62-983 | #84-756 |
| 525nm | #84-738 | #84-744 | #84-750 |
| 550nm | #62-977 | #62-984 | #84-757 |
| 575nm | #84-739 | #84-745 | #84-751 |
| 600nm | #62-978 | #62-985 | #84-758 |
| 625nm | #84-740 | #84-746 | #84-752 |
| 650nm | #62-979 | #62-986 | #84-759 |
| 675nm | #84-741 | #84-747 | #84-753 |
| 700nm | #62-980 | #62-987 | #84-760 |

| Cut-On Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|-------------------|-----------------|-----------------|-----------------|
| 400nm | #62-974 | #62-981 | #84-754 |
| 450nm | #62-975 | #62-982 | #84-755 |
| 500nm | #62-976 | #62-983 | #84-756 |
| 550nm | #62-977 | #62-984 | #84-757 |
| 600nm | #62-978 | #62-985 | #84-758 |
| 650nm | #62-979 | #62-986 | #84-759 |
| 700nm | #62-980 | #62-987 | #84-760 |

| Cut-On Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|-------------------|-----------------|-----------------|-----------------|
| 725nm | #86-060 | #86-068 | #86-076 |
| 750nm | #66-226 | #66-234 | #84-761 |
| 775nm | #86-061 | #86-069 | #86-077 |
| 800nm | #66-227 | #66-235 | #84-762 |
| 825nm | #86-062 | #86-070 | #86-078 |
| 850nm | #66-228 | #66-236 | #84-763 |
| 875nm | #86-063 | #86-071 | #86-079 |
| 900nm | #66-229 | #66-237 | #84-764 |
| 925nm | #86-064 | #86-072 | #86-080 |
| 950nm | #66-230 | #66-238 | #84-765 |
| 975nm | #86-065 | #86-073 | #86-081 |
| 1000nm | #66-231 | #66-239 | #84-766 |
| 1025nm | #86-066 | #86-074 | #86-082 |
| 1050nm | #66-232 | #66-240 | #84-767 |
| 1075nm | #86-067 | #86-075 | #86-083 |
| 1100nm | #66-233 | #66-241 | #84-768 |

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|-------------------|-----------------|-----------------|-----------------|
| 750nm | #66-226 | #66-234 | #84-761 |
| 800nm | #66-227 | #66-235 | #84-762 |
| 850nm | #66-228 | #66-236 | #84-763 |
| 900nm | #66-229 | #66-237 | #84-764 |
| 950nm | #66-230 | #66-238 | #84-765 |
| 1000nm | #66-231 | #66-239 | #84-766 |
| 1050nm | #66-232 | #66-240 | #84-767 |
| 1100nm | #66-233 | #66-241 | #84-768 |

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| 400nm | #62-974 | #62-981 | #84-754 |
| 425nm | #84-736 | #84-742 | #84-748 |
| 450nm | #62-975 | #62-982 | #84-755 |
| 475nm | #84-737 | #84-743 | #84-749 |
| 500nm | #62-976 | #62-983 | #84-756 |
| 525nm | #84-738 | #84-744 | #84-750 |
| 550nm | #62-977 | #62-984 | #84-757 |
| 575nm | #84-739 | #84-745 | #84-751 |
| 600nm | #62-978 | #62-985 | #84-758 |
| 625nm | #84-740 | #84-746 | #84-752 |
| 650nm | #62-979 | #62-986 | #84-759 |
| 675nm | #84-741 | #84-747 | #84-753 |
| 700nm | #62-980 | #62-987 | #84-760 |
| 725nm | #86-060 | #86-068 | #86-076 |
| 750nm | #66-226 | #66-234 | #84-761 |
| 775nm | #86-061 | #86-069 | #86-077 |
| 800nm | #66-227 | #66-235 | #84-762 |
| 825nm | #86-062 | #86-070 | #86-078 |
| 850nm | #66-228 | #66-236 | #84-763 |
| 875nm | #86-063 | #86-071 | #86-079 |
| 900nm | #66-229 | #66-237 | #84-764 |
| 925nm | #86-064 | #86-072 | #86-080 |
| 950nm | #66-230 | #66-238 | #84-765 |
| 975nm | #86-065 | #86-073 | #86-081 |
| 1000nm | #66-231 | #66-239 | #84-766 |
| 1025nm | #86-066 | #86-074 | #86-082 |
| 1050nm | #66-232 | #66-240 | #84-767 |
| 1075nm | #86-067 | #86-075 | #86-083 |
| 1100nm | #66-233 | #66-241 | #84-768 |

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| 400nm | #62-974 | #62-981 | #84-754 |
| 450nm | #62-975 | #62-982 | #84-755 |
| 500nm | #62-976 | #62-983 | #84-756 |
| 550nm | #62-977 | #62-984 | #84-757 |
| 600nm | #62-978 | #62-985 | #84-758 |
| 650nm | #62-979 | #62-986 | #84-759 |
| 700nm | #62-980 | #62-987 | #84-760 |
| 750nm | #66-226 | #66-234 | #84-761 |
| 800nm | #66-227 | #66-235 | #84-762 |
| 850nm | #66-228 | #66-236 | #84-763 |
| 900nm | #66-229 | #66-237 | #84-764 |
| 950nm | #66-230 | #66-238 | #84-765 |
| 1000nm | #66-231 | #66-239 | #84-766 |
| 1050nm | #66-232 | #66-240 | #84-767 |
| 1100nm | #66-233 | #66-241 | #84-768 |