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**TECHSPEC® VIS 400 - 700nm, 50mm Dia. Shortpass Filter Kit (13 Filters)**



Stock #86-465 [CONTACT US](#)

⊖ 1 ⊕ £4,840<sup>00</sup>

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| Volume Pricing |                               |
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| Qty 1+         | £4,840.00 each                |
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ⓘ Prices shown are exclusive of VAT/local taxes

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**

50.00 Diameter (mm):

## Optical Properties

≥4.0 Optical Density OD (Average):

Fused Silica (Corning 7980) Substrate: □

Hard Coated Coating:

≥91 Transmission (%):

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

300 - 1030 Wavelength Range (nm):

## Regulatory Compliance

View Certificate of Conformance:

## 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](mailto:kits@edmundoptics.com).

## Technical Information

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

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

| Cut-Off Wavelength | 12.5mm Diameter         | 25.0mm Diameter         | 50.0mm Diameter         |
|--------------------|-------------------------|-------------------------|-------------------------|
| 725nm              | <a href="#">#86-095</a> | <a href="#">#86-103</a> | <a href="#">#86-111</a> |
| 750nm              | <a href="#">#64-324</a> | <a href="#">#64-332</a> | <a href="#">#84-728</a> |
| 775nm              | <a href="#">#86-096</a> | <a href="#">#86-104</a> | <a href="#">#86-112</a> |
| 800nm              | <a href="#">#64-325</a> | <a href="#">#64-333</a> | <a href="#">#84-729</a> |

|        |         |         |         |
|--------|---------|---------|---------|
| 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         |

| 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         |
| 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 |
|--------------------|-----------------|-----------------|-----------------|
| 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         |

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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         |

| 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         |

| Cut-On Wavelength | 12.5mm Diameter | 25.0mm Diameter | 50.0mm Diameter |
|-------------------|-----------------|-----------------|-----------------|
| 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         |

| 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         |
| 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         |