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/ [OD 4.0 High Performance Shortpass and Longpass Filter Kits](#)

**TECHSPEC®**

# VIS 400 - 700nm, 25mm Dia. Longpass Filter Kit (7 Filters)



Stock #86-478 [CONTACT US](#)

1 **MRP ₹1,81,602**

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹1,81,602 each
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Product Downloads	
Curve:pdf	PDF Drawing:pdf
EO Spec Sheet	<a href="#">Download All</a>

## General

<b>Filters Included :</b>	Cut-On Wavelength: <b>400nm, 450nm, 500nm, 550nm, 600nm, 650nm, 700nm</b>	<b>Type:</b>	Longpass Filter
<b>Number of Filters:</b>	7.00		

## Physical & Mechanical Properties

<b>Diameter (mm):</b>	25.00		
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## Optical Properties

<b>Optical Density OD (Average):</b>	≥4.0	<b>Substrate:</b>	<b>Fused Silica</b> (Corning 7980)
<b>Coating:</b>	Hard Coated	<b>Transmission (%):</b>	≥91
<b>Coating Specification:</b>	Surface 1: Hard Dielectric Sputtered Surface 2: AR Coated	<b>Wavelength Range (nm):</b>	200 - 1650

## Regulatory Compliance

<b>Certificate of Conformance:</b>	<a href="#">View</a>		
<b>Country of Origin:</b>	United States	<b>Imported By:</b>	Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar,

## 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	<a href="#">#86-097</a>	<a href="#">#86-105</a>	<a href="#">#86-113</a>
850nm	<a href="#">#64-326</a>	<a href="#">#64-334</a>	<a href="#">#84-730</a>
875nm	<a href="#">#86-098</a>	<a href="#">#86-106</a>	<a href="#">#86-114</a>

900nm	<a href="#">#64-327</a>	<a href="#">#64-335</a>	<a href="#">#84-731</a>
925nm	<a href="#">#86-099</a>	<a href="#">#86-107</a>	<a href="#">#86-115</a>
950nm	<a href="#">#64-328</a>	<a href="#">#64-336</a>	<a href="#">#84-732</a>
975nm	<a href="#">#86-100</a>	<a href="#">#86-108</a>	<a href="#">#86-116</a>
1000nm	<a href="#">#64-329</a>	<a href="#">#64-337</a>	<a href="#">#84-733</a>
1025nm	<a href="#">#86-101</a>	<a href="#">#86-109</a>	<a href="#">#86-117</a>
1050nm	<a href="#">#64-330</a>	<a href="#">#64-338</a>	<a href="#">#84-734</a>
1075nm	<a href="#">#86-102</a>	<a href="#">#86-110</a>	<a href="#">#86-118</a>
1100nm	<a href="#">#64-331</a>	<a href="#">#64-339</a>	<a href="#">#84-735</a>

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

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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>
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	<a href="#">#86-097</a>	<a href="#">#86-105</a>	<a href="#">#86-113</a>
850nm	<a href="#">#64-326</a>	<a href="#">#64-334</a>	<a href="#">#84-730</a>
875nm	<a href="#">#86-098</a>	<a href="#">#86-106</a>	<a href="#">#86-114</a>
900nm	<a href="#">#64-327</a>	<a href="#">#64-335</a>	<a href="#">#84-731</a>
925nm	<a href="#">#86-099</a>	<a href="#">#86-107</a>	<a href="#">#86-115</a>
950nm	<a href="#">#64-328</a>	<a href="#">#64-336</a>	<a href="#">#84-732</a>
975nm	<a href="#">#86-100</a>	<a href="#">#86-108</a>	<a href="#">#86-116</a>
1000nm	<a href="#">#64-329</a>	<a href="#">#64-337</a>	<a href="#">#84-733</a>
1025nm	<a href="#">#86-101</a>	<a href="#">#86-109</a>	<a href="#">#86-117</a>
1050nm	<a href="#">#64-330</a>	<a href="#">#64-338</a>	<a href="#">#84-734</a>
1075nm	<a href="#">#86-102</a>	<a href="#">#86-110</a>	<a href="#">#86-118</a>
1100nm	<a href="#">#64-331</a>	<a href="#">#64-339</a>	<a href="#">#84-735</a>

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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	<a href="#">#66-229</a>	<a href="#">#66-237</a>	<a href="#">#84-764</a>
925nm	<a href="#">#86-064</a>	<a href="#">#86-072</a>	<a href="#">#86-080</a>
950nm	<a href="#">#66-230</a>	<a href="#">#66-238</a>	<a href="#">#84-765</a>
975nm	<a href="#">#86-065</a>	<a href="#">#86-073</a>	<a href="#">#86-081</a>
1000nm	<a href="#">#66-231</a>	<a href="#">#66-239</a>	<a href="#">#84-766</a>
1025nm	<a href="#">#86-066</a>	<a href="#">#86-074</a>	<a href="#">#86-082</a>
1050nm	<a href="#">#66-232</a>	<a href="#">#66-240</a>	<a href="#">#84-767</a>
1075nm	<a href="#">#86-067</a>	<a href="#">#86-075</a>	<a href="#">#86-083</a>
1100nm	<a href="#">#66-233</a>	<a href="#">#66-241</a>	<a href="#">#84-768</a>

Cut-On Wavelength	12.5mm Diameter	25.0mm Diameter	50.0mm Diameter
750nm	<a href="#">#66-226</a>	<a href="#">#66-234</a>	<a href="#">#84-761</a>
800nm	<a href="#">#66-227</a>	<a href="#">#66-235</a>	<a href="#">#84-762</a>
850nm	<a href="#">#66-228</a>	<a href="#">#66-236</a>	<a href="#">#84-763</a>
900nm	<a href="#">#66-229</a>	<a href="#">#66-237</a>	<a href="#">#84-764</a>
950nm	<a href="#">#66-230</a>	<a href="#">#66-238</a>	<a href="#">#84-765</a>
1000nm	<a href="#">#66-231</a>	<a href="#">#66-239</a>	<a href="#">#84-766</a>
1050nm	<a href="#">#66-232</a>	<a href="#">#66-240</a>	<a href="#">#84-767</a>
1100nm	<a href="#">#66-233</a>	<a href="#">#66-241</a>	<a href="#">#84-768</a>

Cut-On Wavelength	12.5mm Diameter	25.0mm Diameter	50.0mm Diameter
400nm	<a href="#">#62-974</a>	<a href="#">#62-981</a>	<a href="#">#84-754</a>
425nm	<a href="#">#84-736</a>	<a href="#">#84-742</a>	<a href="#">#84-748</a>
450nm	<a href="#">#62-975</a>	<a href="#">#62-982</a>	<a href="#">#84-755</a>
475nm	<a href="#">#84-737</a>	<a href="#">#84-743</a>	<a href="#">#84-749</a>
500nm	<a href="#">#62-976</a>	<a href="#">#62-983</a>	<a href="#">#84-756</a>
525nm	<a href="#">#84-738</a>	<a href="#">#84-744</a>	<a href="#">#84-750</a>
550nm	<a href="#">#62-977</a>	<a href="#">#62-984</a>	<a href="#">#84-757</a>
575nm	<a href="#">#84-739</a>	<a href="#">#84-745</a>	<a href="#">#84-751</a>
600nm	<a href="#">#62-978</a>	<a href="#">#62-985</a>	<a href="#">#84-758</a>
625nm	<a href="#">#84-740</a>	<a href="#">#84-746</a>	<a href="#">#84-752</a>
650nm	<a href="#">#62-979</a>	<a href="#">#62-986</a>	<a href="#">#84-759</a>
675nm	<a href="#">#84-741</a>	<a href="#">#84-747</a>	<a href="#">#84-753</a>
700nm	<a href="#">#62-980</a>	<a href="#">#62-987</a>	<a href="#">#84-760</a>
725nm	<a href="#">#86-060</a>	<a href="#">#86-068</a>	<a href="#">#86-076</a>
750nm	<a href="#">#66-226</a>	<a href="#">#66-234</a>	<a href="#">#84-761</a>
775nm	<a href="#">#86-061</a>	<a href="#">#86-069</a>	<a href="#">#86-077</a>
800nm	<a href="#">#66-227</a>	<a href="#">#66-235</a>	<a href="#">#84-762</a>
825nm	<a href="#">#86-062</a>	<a href="#">#86-070</a>	<a href="#">#86-078</a>
850nm	<a href="#">#66-228</a>	<a href="#">#66-236</a>	<a href="#">#84-763</a>
875nm	<a href="#">#86-063</a>	<a href="#">#86-071</a>	<a href="#">#86-079</a>
900nm	<a href="#">#66-229</a>	<a href="#">#66-237</a>	<a href="#">#84-764</a>
925nm	<a href="#">#86-064</a>	<a href="#">#86-072</a>	<a href="#">#86-080</a>
950nm	<a href="#">#66-230</a>	<a href="#">#66-238</a>	<a href="#">#84-765</a>
975nm	<a href="#">#86-065</a>	<a href="#">#86-073</a>	<a href="#">#86-081</a>
1000nm	<a href="#">#66-231</a>	<a href="#">#66-239</a>	<a href="#">#84-766</a>
1025nm	<a href="#">#86-066</a>	<a href="#">#86-074</a>	<a href="#">#86-082</a>
1050nm	<a href="#">#66-232</a>	<a href="#">#66-240</a>	<a href="#">#84-767</a>
1075nm	<a href="#">#86-067</a>	<a href="#">#86-075</a>	<a href="#">#86-083</a>
1100nm	<a href="#">#66-233</a>	<a href="#">#66-241</a>	<a href="#">#84-768</a>

Cut-On Wavelength	12.5mm Diameter	25.0mm Diameter	50.0mm Diameter
400nm	<a href="#">#62-974</a>	<a href="#">#62-981</a>	<a href="#">#84-754</a>
450nm	<a href="#">#62-975</a>	<a href="#">#62-982</a>	<a href="#">#84-755</a>
500nm	<a href="#">#62-976</a>	<a href="#">#62-983</a>	<a href="#">#84-756</a>
550nm	<a href="#">#62-977</a>	<a href="#">#62-984</a>	<a href="#">#84-757</a>
600nm	<a href="#">#62-978</a>	<a href="#">#62-985</a>	<a href="#">#84-758</a>
650nm	<a href="#">#62-979</a>	<a href="#">#62-986</a>	<a href="#">#84-759</a>
700nm	<a href="#">#62-980</a>	<a href="#">#62-987</a>	<a href="#">#84-760</a>
750nm	<a href="#">#66-226</a>	<a href="#">#66-234</a>	<a href="#">#84-761</a>
800nm	<a href="#">#66-227</a>	<a href="#">#66-235</a>	<a href="#">#84-762</a>
850nm	<a href="#">#66-228</a>	<a href="#">#66-236</a>	<a href="#">#84-763</a>
900nm	<a href="#">#66-229</a>	<a href="#">#66-237</a>	<a href="#">#84-764</a>
950nm	<a href="#">#66-230</a>	<a href="#">#66-238</a>	<a href="#">#84-765</a>
1000nm	<a href="#">#66-231</a>	<a href="#">#66-239</a>	<a href="#">#84-766</a>
1050nm	<a href="#">#66-232</a>	<a href="#">#66-240</a>	<a href="#">#84-767</a>
1100nm	<a href="#">#66-233</a>	<a href="#">#66-241</a>	<a href="#">#84-768</a>

## Frequently Purchased Together



#32-329 - 5mm, Aluminum Coated, N-BK7 Right Angle Prism  
₹6,558

Qty



#49-371 - 30mm Dia. x 50mm FL, VIS-NIR Coated, Achromatic Lens  
₹16,748

Qty



#49-373 - 30mm Dia. x 75mm FL, VIS-NIR Coated, Achromatic Lens  
₹16,748

Qty



#58-964 - 3" Length, 8-32 Stud, Steel Post  
₹951

Qty



## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Trending in Optics

#### APPLICATION NOTE

The Importance of Optical Filter Orientation...

#### APPLICATION NOTE

Custom Bandpass Filter using Shortpass an...

#### VIDEO

Optical Filters Review

#### VIDEO

Optical Filter Coatings: Comparison of Traditional a...

#### PUBLISHED ARTICLE

Selecting Color Filter Glass for Life Science Applications

#### FAQ

What type of material should I look for in a filter?

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