

TECHSPEC®

436nm CWL, 25mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter



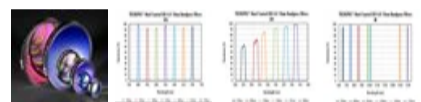
Stock #65-138 **8 In Stock**

1 **MRP ₹28,047**

Price inclusive of all taxes

ADD TO CART

TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters



Volume Pricing	
Qty 1-5	₹28,047 each
Qty 6-25	₹22,599 each
Qty 26-49	₹21,036 each
Need More?	Request Quote

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- eDrawing:easm
- EO Spec Sheet
- [Download All](#)

General

Type: Bandpass Filter

Typical Applications: 7-Diethylaminocoumarin-3-Carbonyl Azide, ATTO 425

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.0/-0.1

Clear Aperture CA (mm): 21.0

Construction: Mounted in Black Anodized Ring

Physical Durability: Adhesion per MIL-PRF-13830B, Section C.4.5.12
Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11
Cleaning per MIL-C-48497A Section 4.5.4.2

Substrate Thickness (mm): 3.5 ±0.5 typical

Optical Properties

Angle of Incidence (°): 0

Optical Density OD (Average): ≥4.0

Center Wavelength CWL (nm): 436.00 ±2.0

Full Width-Half Max FWHM (nm): 10.00 ±2.0

Full Width-Half Max FWHM ±2.0

Substrate: [ⓘ] Optical Glass

Tolerance (nm):		Coating:	Hard Coated
Minimum Transmission (%):	≥85		
Surface Quality:	80-50	Blocking Wavelength Range (nm):	200 - 1200

Threading & Mounting

Mount Thickness (mm): 5.0 ±0.1

Environmental & Durability Factors

Environmental Durability: Humidity per MIL-STD-810H, Section 507.6
Temperature per MIL-STD-810H, Section 501.7 and 502.7

Regulatory Compliance

RoHS 2015: [Compliant](#)

Certificate of Conformance: [View](#)

Reach 247: [Compliant](#)

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

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Ideal for Life Sciences or Chemical Analysis
- Available in UV, VIS, and IR Center Wavelengths
- Feature High Performance Hard Coatings
- Hard Coated OD 4.0 [5nm](#), [25nm](#), and [50nm](#) Bandpass Filters Also Available

TECHSPEC® Hard Coated OD 4.0 10nm Bandpass Filters are narrowband filters used extensively in applications including flame photometry, elemental or laser line separation, fluorescence, laser diode cleanup, or chemical detection or analysis. These optical filters offer steep slopes with deep blocking to achieve high performance in demanding applications. TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters feature durable hard coatings to minimize filter degradation while increasing transmission. The bandpass filters are available in UV, VIS, and IR center wavelengths.

Note: These filters are optimized for high spectral performance rather than high Laser Induced Damage Thresholds (LIDT). A typical LIDT for these filters is 1 J/cm² @ 532nm, 10ns. Please [contact us](#) if you require a filter with a higher LIDT value.

Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	12.5mm Dia., Nd:YAG Hard Coated OD 4.0 10nm Bandpass Filter Kit (4 Filters)		#15-097	₹70,623 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	25mm Dia., Nd:YAG Hard Coated OD 4.0 10nm Bandpass Filter Kit (4 Filters)		#15-098	₹1,13,502 Request Quote	CONTACT US <input type="text" value="1"/>
MORE+	50mm Dia., Nd:YAG Hard Coated OD 4.0 10nm Bandpass Filter Kit (4 Filters)		#15-099	₹2,78,456 Request Quote	CONTACT US <input type="text" value="1"/>

Related Products



Manual Cage Filter Wheel



C, S, and T-Mount Circular Optic Mounts



Cotton-Tipped Swab Applicators



Hard Coated OD 4.0 5nm Bandpass Filters

Frequently Purchased Together



#34-494 - 413nm CWL, 25mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter
₹28,047



#27-402 - 12.5mm Diameter, 4-6λ Mirror
₹1,918






































#32-354 - 6.3mm Diameter, 4-6λ Mirror
₹1,741























#33-326 - 631nm CWL, 12.5mm Dia, 21nm Bandwidth, OD 6 Fluorescence Filter
₹28,653

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	25.0/25.4mm Optic Dia., SM1	Fixed		#13-787	₹2,119 Request	2 In Stock <input type="text" value="1"/>

		Title	Type	Compare	Stock Number	Price	Buy
MORE+		Thin Mount, M4				Quote	
MORE+		25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	₹2,119 Request Quote	CONTACT US 1 
MORE+		25.0mm Optic Dia., Optic Mount	Fixed		#64-560	₹3,305 Request Quote	CONTACT US 1 
MORE+		25.0/25.4mm Optic Dia., E-Series Kinematic Mount	Adjustable - Tip-Tilt		#15-866	₹4,388 Request Quote	10 In Stock 1 
MORE+		2.0 - 35.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-668	₹6,357 Request Quote	20+ In Stock 1 
MORE+		25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	₹6,861 Request Quote	9 In Stock 1 
MORE+		25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	₹7,164 Request Quote	CONTACT US 1 
MORE+		9.5 - 73.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#36-605	₹8,374 Request Quote	CONTACT US 1 
MORE+		25.0/25.4mm Optic Dia., Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#58-851	₹9,938 Request Quote	20+ In Stock 1 
MORE+		25.0/25.4mm Optic Dia., Optical Cell Assembly	Fixed		#36-461 CLEARANCE	₹10,190 Request Quote	2 In Stock 1 
MORE+		25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	₹10,291 Request Quote	CONTACT US 1 
MORE+		5.0 - 25.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-529	₹10,291 Request Quote	20+ In Stock 1 
MORE+		7.0 - 40.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-676	₹10,694 Request Quote	2 In Stock 1 
MORE+		25.0/25.4mm Optic Dia., Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#58-854	₹10,796 Request Quote	20+ In Stock 1 
MORE+		10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-530	₹10,896 Request Quote	CONTACT US 1 
MORE+		19.5 - 108.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-670	₹11,501 Request Quote	1 In Stock 1 
MORE+		7.0 - 67.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	₹11,703 Request Quote	6 In Stock 1 
MORE+		8.0 - 118.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-666	₹12,107 Request Quote	10 In Stock 1 

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	4.0 - 36.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-077	₹15,840 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#26-815	₹16,244 Request Quote	4 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Stainless Steel Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#26-818	₹18,362 Request Quote	9 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-956	₹27,846 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Kinematic Mirror Mount	Adjustable - Tip-Tilt		#55-003	₹33,899 Request Quote	14 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Kinematic Mirror Mount with Micrometer	Adjustable - Tip-Tilt		#55-456	₹36,422 Request Quote	3 In Stock <input type="text" value="1"/> 
MORE+ 	5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	₹41,365 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Precision Gimbal Mount	Adjustable - Gimbal		#54-999	₹46,511 Request Quote	4 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-959	₹54,481 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-776	₹76,173 Request Quote	2 In Stock <input type="text" value="1"/> 

Check out our full selection of mounts [here](#).

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

PUBLISHED ARTICLE

FAQ

Optical Filter
Coatings:
Comparison of
Traditional a...

Selecting Color
Filter Glass for
Life Science
Applications

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

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