

TECHSPEC® 532nm, 25mm Diameter, Raman Edge Filter



Stock #86-242 **2 In Stock**

1 **MRP ₹78,896**

Price inclusive of all taxes

ADD TO CART

Volume Pricing	
Qty 1-9	₹78,896 each
Qty 10-25	₹67,092 each
Qty 26-49	₹63,117 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: Longpass Filter

Note: Bandwidth (nm): >650

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.0/-0.1

Clear Aperture (%): >80

Optical Properties

Angle of Incidence (°): 0 ±2

Optical Density OD (Average): ≥6.0

Cut-On Wavelength (nm): 537.30

Design Wavelength DWL (nm): 532

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

Coating: Hard Coated

Rejection Wavelength (nm): 430 - 532

Surface Quality: 60-40

Transmission (%): >93

Transition Width (nm): 5.3

Transmitted Wavefront, RMS: <λ/4 @ 633nm

Coating Specification: T_{avg} ≥93% @ 538.9 - 1200nm

Wavelength Range (nm): 430 - 1200

Laser Blocking Wavelength (nm): 532.00

Threading & Mounting

Mount Thickness (mm): 3.5

Environmental & Durability Factors

Durability: Environmental:
MIL-STD-810F
Physical: MIL-C-
48497A

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

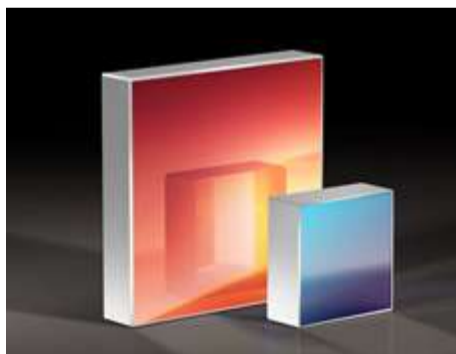
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- High Transmission for Detecting Weak Signals
- Deep Blocking for Maximum Laser Rejection
- Ideal for Raman Spectroscopy or Life Science Instrumentation

TECHSPEC® Raman Longpass Edge Filters are single filter solutions for reducing spectral noise in Stokes shift applications. These filters are designed to create sharp transitions between transmitted Raman signals and blocked laser wavelengths. Designed to detect even the smallest Raman shifts, TECHSPEC Raman Longpass Edge Filters are ideal for integration into Raman spectroscopy or confocal microscopy systems. The hard coated design offers superior transmission characteristics than comparable traditional coated filters.

Frequently Purchased Together



#43-217 - 1200 Grooves/mm, 50mm Square, VIS Holographic Grating
₹41,870

Qty



#48-574 - 25mm 532nm, Laser Line Polarizing Cube Beamsplitter
₹32,588

Qty



#53-272 - Filter Translation Mount
₹13,217

Qty

































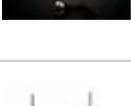



































#58-853 - 12.5/12.7mm Optic Dia., Kinematic Mount, 3-Screws
₹10,493

Qty



Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4	Fixed		#13-787	₹2,119 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32	Fixed		#13-788	₹2,119 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25.0mm Optic Dia., Optic Mount	Fixed		#64-560	₹3,305 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., E-Series Kinematic Mount	Adjustable - Tip-Tilt		#15-866	₹4,388 Request Quote	10 In Stock <input type="text" value="1"/> 
MORE+ 	2.0 - 35.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-668	₹6,357 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., L-Slot Direct Mount	Fixed		#36-410	₹6,861 Request Quote	9 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Side Flange Direct Mount	Fixed		#36-414	₹7,164 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	9.5 - 73.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#36-605	₹8,374 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#58-851	₹9,938 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Optical Cell Assembly	Fixed		#36-461 CLEARANCE	₹10,190 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., L-Slot and Rotation Direct Mount	Adjustable - Rotary		#36-411	₹10,291 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	5.0 - 25.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-529	₹10,291 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	7.0 - 40.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-676	₹10,694 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+ 	25.0/25.4mm Optic Dia., Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#58-854	₹10,796 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-530	₹10,896 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	19.5 - 108.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-670	₹11,501 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	7.0 - 67.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	₹11,703 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+ 	8.0 - 118.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-666	₹12,107 Request Quote	10 In Stock <input type="text" value="1"/> 
	4.0 - 36.0mm Optic Dia., Self-Centering	Fixed		#16-077	₹15,840 Request	6 In Stock <input type="text" value="1"/> 

	Title	Type	Compare	Stock Number	Price	Buy
 	Jaw Clamp				Quote	
 	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"/> 
 	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"/> 
 	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"/> 
 	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"/> 
 	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"/> 
 	5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	₹41,365 Request Quote	CONTACT US <input type="text" value="1"/> 
 	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"/> 
 	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"/> 
 	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

Glossary



GLOSSARY

Lonapass Filter