

TECHSPEC® 1064nm



Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit

1 €2.230^{,00}

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Volume Pricing	
Qty 1-9	€2.230,00 each
Qty 10-25	€1.896,00 each
Qty 26-49	€1.784,00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

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): >900

Physical & Mechanical Properties

Diameter (mm): 50.00 +0.0/-0.1

Clear Aperture (%): >80

Optical Properties

Angle of Incidence (°): 0 ±2

Optical Density OD (Average): ≥6.0

Cut-On Wavelength (nm): 1,074.60

Design Wavelength DWL (nm): 1064

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

Coating: Hard Coated

Rejection Wavelength (nm): 831 - 1064

Surface Quality: 60-40

Transmission (%): >93

Transition Width (nm): <10.6

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

Coating Specification: T_{avg} ≥93% @ 1077.8 - 2000nm

Wavelength Range (nm): 831 - 1064

Laser Blocking Wavelength (nm): 1064.00

Threading & Mounting

Mount Thickness (mm): 3.5

Environmental & Durability Factors

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

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Regulatory Compliance

RoHS 2015: **Compliant**

Conformance:

Reach 247: **Compliant**

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











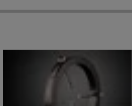



Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).



























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.

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	50.0mm Optic Dia., Optic Mount	Fixed		#64-567	€49,25 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+ 	50.0mm Optic Dia., Optic Mount	Fixed		#64-568	€49,25 Request Quote	7 In Stock <input type="text" value="1"/> 
MORE+ 	9.5 - 73.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#36-605	€83,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	50.0/50.8mm Optic Dia., E-Series Kinematic Mount	Adjustable - Tip-Tilt		#15-867	€96,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	10.0 - 60.0mm Optic Height, Metric Bar-Type Optic Holder	Fixed		#55-530	€108,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	19.5 - 108.0mm Optic Dia., Three-Screw Adjustable Ring Mount	Fixed		#03-670	€114,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+ 	7.0 - 67.0 Optic Height, English Bar-Type Optic Holder	Fixed		#03-669	€116,00 Request Quote	20+ In Stock <input type="text" value="1"/> 

	Title	Type	Compare	Stock Number	Price	Buy
MORE+	 50.0/50.8mm Optic Dia., Cell Assembly			#36-465	€119,95	2 In Stock <input type="text" value="1"/> 
MORE+	 8.0 - 118.0mm Height, Eng Bar-Type Optic Holder					20+ In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#58-852	€135,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#58-855	€157,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Stainless Steel Kinematic Mount, 2-Screws	Adjustable - Tip-Tilt		#26-816	€246,00 Request Quote	12 In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Stainless Steel Kinematic Mount, 3-Screws	Adjustable - Tip-Tilt		#26-819	€268,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., X-Y Translating Optic Mount	Adjustable - Linear (XY)		#62-957	€308,00 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Kinematic Mirror Mount	Adjustable - Tip-Tilt		#55-005	€361,00 Request Quote	6 In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Kinematic Mirror Mount with Micrometer	Adjustable - Tip-Tilt		#56-326	€387,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+	 5.0 - 100.0mm Optic Dia., Self-Centering Jaw Clamp	Fixed		#16-078	€410,00 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., Precision Gimbal Mount	Adjustable - Gimbal		#55-000	€510,00 Request Quote	7 In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., X-Y-Z Translating Optic Mount	Adjustable - Linear (XYZ)		#62-960	€605,00 Request Quote	20+ In Stock <input type="text" value="1"/> 
MORE+	 50.0/50.8mm Optic Dia., 5 Axes Optical Mount	Adjustable - Linear (XYZ) & Tip-Tilt		#13-778	€840,00 Request Quote	10 In Stock <input type="text" value="1"/> 

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

Resources

Media Type

GLOSSARY

Lonapass Filter

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