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**TECHSPEC® 355nm, 12.5mm Diameter, Raman Edge Filter**



Stock **#86-218** **3 In Stock**

- 1 + MRP ₹56,196

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-9	₹56,196 each
Qty 10-25	₹47,722 each
Qty 26-49	₹44,957 each
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**General**

Longpass Filter **Type:**  
Bandwidth (nm): >400 **Note:**

**Physical & Mechanical Properties**

12.50 +0.0/-0.1 **Diameter (mm):**

>80 **Clear Aperture (%)**:

## Optical Properties

0 ±2 **Angle of Incidence (°)**:

≥6.0 **Optical Density OD (Average)**:

358.60 **Cut-On Wavelength (nm)**:

355 **Design Wavelength DWL (nm)**:

**Substrate:**   
Fused Silica (Corning 7980)

**Coating:**  
Hard Coated

60-40 **Surface Quality**:

>90 **Transmission (%)**:

<3.6 **Transition Width (nm)**:

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

**Coating Specification:**  
T<sub>abs</sub> ≥93% @ 364 - 400nm  
T<sub>avg</sub> ≥90% @ 364 - 800nm

355 - 800 **Wavelength Range (nm)**:

355.00 **Laser Blocking Wavelength (nm)**:

## Threading & Mounting

3.5 **Mount Thickness (mm)**:

## Environmental & Durability Factors

**Durability:**  
Environmental: ML-STD-810F  
Physical: ML-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,  
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## 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

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