

TECHSPEC® 532 & 1064nm, 50mm Dia., OD 6.0 Multi-Notch Filter



TECHSPEC OD 6.0 Multi-Notch Filters for Nd:YAG Lasers

Stock **#87-025** **1 In Stock**

[Additional Bandwidths](#)

⊖ 1 ⊕ £1,925²²

ADD TO CART

Volume Pricing	
Qty 1-5	£1,925.22 each
Qty 6-25	£1,540.00 each
Qty 26-49	£1,415.68 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

Notch Filter

Physical & Mechanical Properties

50.00 +0.00/-0.10 **Diameter (mm):**

3.50 ±0.1 **Thickness (mm):**

Mounted in Black Anodized Ring **Construction:**

>85 **Clear Aperture (%):**

Optical Properties

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

532.00 & 1064 **Center Wavelength CWL (nm):**

25.00 @ 532nm
50 @ 1064nm **Full Width-Half Max FWHM (nm):**

Hard Coated **Coating:**

60-40 **Surface Quality:**

>80 avg @ 325 - 400nm
>90 avg @ 400 - 1200nm **Transmission (%):**

325 - 1200 **Transmission Wavelength (nm):**

>99.5 **Reflection at CWL (%):**

1λ **Transmitted Wavefront, RMS:**

Environmental & Durability Factors

ML-C-48497A **Durability:**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

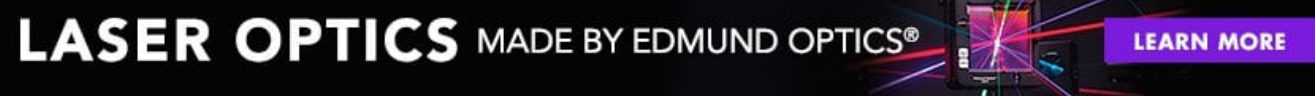
[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 247:**

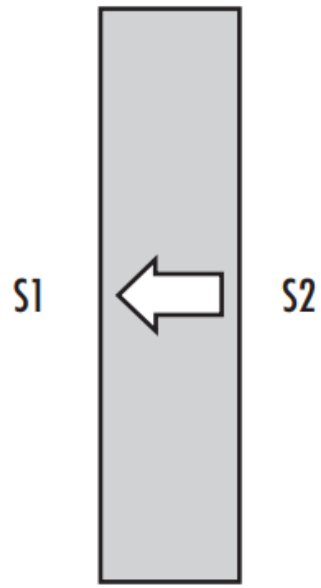
PRODUCT DETAILS

- Deep OD 6.0 Blocking
- Greater than 90% Transmission
- Broad Transmission Range from 325 – 1200nm
- [OD 4.0 Notch Filters](#) and [OD 6.0 Notch Filters](#) Also Available

TECHSPEC® OD 6.0 Multi-Notch Filters for Nd:YAG Lasers are designed for a variety of applications that utilize multi-line or multiple Nd:YAG lasers. TECHSPEC OD 6.0 Multi-Notch Filters for Nd:YAG Lasers feature OD 6.0 blocking of the designated laser wavelength, high transmission, and broad transmission ranges. Common applications including medical or cosmetic laser systems, tattoo removal, Particle Image Velocimetry (PIV), Planar Laser-Induced Fluorescence (PLIF), LIDAR (Light Detection and Ranging), or environmental monitoring.



TECHNICAL INFORMATION



All mounted TECHSPEC® Optical Filters have an arrow on the side of the mount that points to the filter-coated surface for quick reference. Filter oriented such that arrow points to filter coated surface S1. Anti-reflective (AR) coating is applied to S2.

CUSTOM

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](#).

COMPATIBLE MOUNTS
