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TECHSPEC®

50mm Dia., Nd:YAG Hard Coated OD 4.0 10nm Bandpass Filter Kit (4 Filters)



Stock #15-099

CONTACT US

-

1

+

₹1,97,194

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General

Filters Included :

Center Wavelengths: 266nm, 355nm, 532nm, 1064nm

Type:

Bandpass Filter

Typical Applications:

Nd:YAG Laser Line Cleanup

Number of Filters:

4

Physical & Mechanical Properties

50.00	Diameter (mm):
Physical Durability:	
Adhesion: MIL-C-48497A, 3.4.1.1	
Abrasion: MIL-C-48497A, 3.4.1.3	
Temperature: MIL-C-48497A, 3.4.2.1	
Cleaning: MIL-C-48497A, 3.4.2.2	
Optical Properties	
≥4.0	Optical Density OD (Average):
10.00	Full Width-Half Max FWHM (nm):
Coating:	
Hard Coated	
Wavelength:	
Nd:YAG	
Environmental & Durability Factors	
Environmental Durability:	
Humidity: MIL-STD 810.F, Method 507.4	
Regulatory Compliance	
Certificate of Conformance:	
View	
Country of Origin:	
United States	
Imported By:	
Edmund Optics India Private Limited	

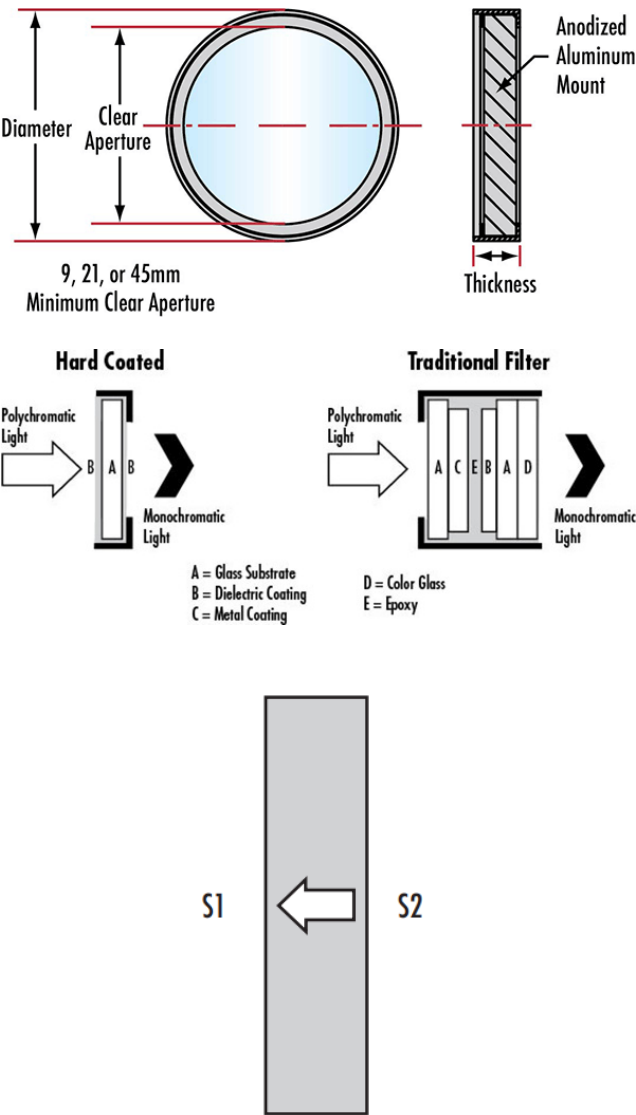
Product Details

- 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). Atypical 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



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.

