

TECHSPEC® 636nm CWL, 12.5mm Dia., Hard Coated OD 4.0 10nm Bandpass Filter



TECHSPEC Hard Coated OD 4.0 10nm Bandpass Filters

Stock #65-106 4 In Stock

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1

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€186⁰⁰

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Volume Pricing	
Qty 1-5	€186,00 each
Qty 6-25	€149,00 each
Qty 26-49	€139,50 each
Need More?	Request Quote

i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Bandpass Filter

Type:

Alexa Fluor® 633

Typical Applications:

Physical & Mechanical Properties

Diameter (mm):

12.50 +0.0/-0.1	
8.5	Clear Aperture CA (mm):
±0.1	Thickness Tolerance (mm):
Mounted in Black Anodized Ring	Construction:

Adhesion per MIL-PRF-13830B, Section C.4.5.12 Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11 Cleaning per ML-C-48497A Section 4.5.4.2	Physical Durability:
3.5 ±0.5 typical	Substrate Thickness (mm):

Optical Properties

0	Angle of Incidence (°):
≥4.0	Optical Density OD (Average):
636.00 ±2.0	Center Wavelength CWL (nm):
10.00 ±2.0	Full Width-Half Max FWHM (nm):
±2.0	Full Width-Half Max FWHM Tolerance (nm):
Optical Glass	Substrate: ☐
≥85	Minimum Transmission (%):
Hard Coated	Coating:
80-50	Surface Quality:
200 - 1200	Blocking Wavelength Range (nm):

Threading & Mounting

5.0 ±0.1	Mount Thickness (mm):
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Environmental & Durability Factors

Humidity per ML-STD-810H, Section 507.6 Temperature per ML-STD-810H, Section 501.7 and 502.7	Environmental Durability:
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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

