

TECHSPEC<sup>®</sup> Blue M34.0 x 0.50 High Performance Machine Vision Filter



TECHSPEC<sup>®</sup> High Performance Mounted Machine Vision Filters

Stock #89-766 3-5 DAYS

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1

+

A\$302.40

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**Blocking Wavelength Range (nm):**  
200-400, 550-1200

**Clear Aperture CA (mm):**  
30.00

**Coating:**  
Hard Coated

**Filter Thread:**

|                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M34.0 x 0.50                                                                                                                                                                     |
| <b>Color:</b><br>Blue                                                                                                                                                            |
| <b>Center Wavelength CWL (nm):</b><br>470.00                                                                                                                                     |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                           |
| <b>Full Width-Half Max FWHM (nm):</b><br>85.00                                                                                                                                   |
| <b>Mount Thickness (mm):</b><br>5.0                                                                                                                                              |
| <b>Mount Thickness Including Threads (mm):</b><br>6.5                                                                                                                            |
| <b>Note:</b><br>OD ≥3.0 @ 550 - 1200nm<br>OD ≥4.0 @ 200 - 400nm                                                                                                                  |
| <b>Optical Density OD (Average):</b><br>≥3.0                                                                                                                                     |
| <b>Outer Diameter (mm):</b><br>36.00                                                                                                                                             |
| <b>Substrate Thickness (mm):</b><br>1.75 ±0.10                                                                                                                                   |
| <b>Type:</b><br>Mounted Imaging Filter                                                                                                                                           |
| <b>Wavelength Range (µm):</b><br>0.2 - 1.2                                                                                                                                       |
| <b>Average Transmission (%):</b><br>≥90                                                                                                                                          |
| <b>Environmental Durability:</b><br>Humidity per ML-STD-810H, Section 507.6<br>Temperature per ML-STD-810H, Section 501.7 and 502.7                                              |
| <b>Physical Durability:</b><br>Adhesion per ML-PRF-13830B, Section C.4.5.12<br>Moderate abrasion per ML-PRF-13830B, Section C.4.5.11<br>Cleaning per ML-C-48497A Section 4.5.4.2 |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |