

TECHSPEC<sup>®</sup> IR (UV/VIS Cut) M34.0 x 0.50 High Performance Machine Vision Filter



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

Stock #89-836

CONTACT US

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+

₹16,443.00

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Qty 1-9

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Blocking Wavelength Range (nm):  
200-750, 1000-1200

Clear Aperture CA (mm):  
30.00

Coating:  
Hard Coated

Filter Thread:

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M34.0 x 0.50                                                                                                                                                                        |
| <b>Color:</b><br>IR                                                                                                                                                                 |
| <b>Center Wavelength CWL (nm):</b><br>880.00                                                                                                                                        |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                              |
| <b>Full Width-Half Max FWHM (nm):</b><br>135.00                                                                                                                                     |
| <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 @ 1000 - 1200nm<br>OD ≥4.0 @ 200 - 750nm                                                                                                                    |
| <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 MIL-STD-810H, Section 507.6<br>Temperature per MIL-STD-810H, Section 501.7 and 502.7                                               |
| <b>Physical Durability:</b><br>Adhesion per MIL-PRF-13830B, Section C.4.5.12<br>Moderate abrasion per MIL-PRF-13830B, Section C.4.5.11<br>Cleaning per MIL-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> |