

**TECHSPEC®** Dark Red M40.5 x 0.50 High Performance Machine Vision Filter



TECHSPEC® High Performance Mounted Machine Vision Filters

Stock **#89-828** ☐ In Stock

-

1

+

**C\$315.00**

ADD TO CART

Qty 1-9

C\$315.00

Qty 10+

C\$289.52

Volume Pricing

[Request Quote](#)

Get Product Downloads

**Blocking Wavelength Range (nm):**

200-550, 720-1120

**Clear Aperture CA (mm):**

36.5

**Coating:**

Hard Coated

**Filter Thread:**

|                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M40.5 x 0.50                                                                                                                                                                        |
| <b>Color:</b><br>Dark Red                                                                                                                                                           |
| <b>Center Wavelength CWL (nm):</b><br>660.00                                                                                                                                        |
| <b>Construction:</b><br>Mounted in Black Anodized Ring                                                                                                                              |
| <b>Full Width-Half Max FWHM (nm):</b><br>66.00                                                                                                                                      |
| <b>Mount Thickness (mm):</b><br>5.0                                                                                                                                                 |
| <b>Mount Thickness Including Threads (mm):</b><br>7.0                                                                                                                               |
| <b>Note:</b><br>OD ≥3.0 @ 720 - 1120nm<br>OD ≥4.0 @ 200 - 550nm                                                                                                                     |
| <b>Optical Density OD (Average):</b><br>≥3.0                                                                                                                                        |
| <b>Outer Diameter (mm):</b><br>42.0                                                                                                                                                 |
| <b>Substrate Thickness (mm):</b><br>1.75 ±0.10                                                                                                                                      |
| <b>Type:</b><br>Mounted Imaging Filter                                                                                                                                              |
| <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> |