

# 150 Grooves, 12.7mm Square, 500nm Ruled Diffraction Grating



Reflective Ruled Diffraction Gratings

Stock **#64-397** 3-5 DAYS

⊖ 1 ⊕

**A\$128.00**

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Groove Density (grooves/mm):  
150

Blaze Wavelength (nm):  
500

Blaze Angle (°):  
2.13

Dimensions (mm):  
12.7 x 12.7 ±0.5

|                                                              |
|--------------------------------------------------------------|
| <b>Clear Aperture (%)</b> :<br>90                            |
| <b>Coating</b> :<br>Bare Aluminum                            |
| <b>Construction</b> :<br>Ruled Grating                       |
| <b>Direction of Grooves</b> :<br>Parallel to Short Dimension |
| <b>Length (mm)</b> :<br>12.70                                |
| <b>Substrate</b> : <input type="checkbox"/><br>Float Glass   |
| <b>Thickness (mm)</b> :<br>6.00 ±0.5                         |
| <b>Type</b> :<br>Reflective Diffraction Grating              |
| <b>Width (mm)</b> :<br>12.70                                 |
| <b>Alignment of Grooves to Edge (°)</b> :<br>±0.5            |
| <b>Absolute Peak Efficiency, Typical (%)</b> :<br>69         |
| <b>Peak Efficiency Avg, Typical (%)</b> :<br>>65             |

Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Compliant</a>             |
| <b>Reach 219</b> :<br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |

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