

TECHSPEC®

10" Diameter x 60" FL Protected Aluminum, Parabolic Mirror



Stock #32-274-522 [CONTACT US](#)

-

1

+

£1,888.70

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|                               |
|-------------------------------|
| Qty 1-2                       |
| £1,888.70                     |
| Qty 3+                        |
| £1,605.65                     |
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Substrate: 

BOROFLOAT®SUPREMAX®

Focal Length Tolerance (%):  
±1.5

Surface Quality:  
60-40

Surface Accuracy:

|                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| N/8                                                                                                                                                                     |
| <b>Diameter (inches):</b><br>10.0 +0.06/-0                                                                                                                              |
| <b>Diameter (mm):</b><br>254.00 +1.5/-0                                                                                                                                 |
| <b>Effective Focal Length EFL (inches):</b><br>60.0                                                                                                                     |
| <b>Effective Focal Length EFL (mm):</b><br>1,524.00                                                                                                                     |
| <b>Radius of Curvature (mm):</b><br>3,048.00                                                                                                                            |
| <b>Aperture (f/#):</b><br>f/6                                                                                                                                           |
| <b>Coating:</b><br>Protected Aluminum (400-2000nm)                                                                                                                      |
| <b>Coating Specification:</b><br>R <sub>avg</sub> >85% @ 400 - 700nm<br>R <sub>avg</sub> >90% @ 400 - 2000nm                                                            |
| <b>Coating Type:</b><br>Metal                                                                                                                                           |
| <b>Back Surface:</b><br>Ground                                                                                                                                          |
| <b>Clear Aperture CA (mm):</b><br>229                                                                                                                                   |
| <b>Edge Thickness ET (inches):</b><br>1.75                                                                                                                              |
| <b>Edge Thickness ET (mm):</b><br>44.50                                                                                                                                 |
| <b>Type:</b><br>Parabolic Mirror                                                                                                                                        |
| <b>Wavelength Range (μm):</b><br>0.4 - 2                                                                                                                                |
| <b>Wavelength Range (nm):</b><br>400 - 2000                                                                                                                             |
| <b>Damage Threshold, Reference:</b> <br>0.3 J/cm <sup>2</sup> @ 532nm & 1064nm, 10ns |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |