

TECHSPEC®

10" Diameter x 80" FL Protected Aluminum, Parabolic Mirror



Stock #32-275-522

CONTACT US

-

1

+

S\$3,221.90

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|                               |
|-------------------------------|
| Qty 1-2                       |
| S\$3,221.90                   |
| Qty 3+                        |
| S\$2,739.05                   |
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Substrate: 

BOROLOAT®SUPREMAX®

Focal Length Tolerance (%):

±1.5

Surface Quality:

60-40

Surface Accuracy:

λ/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>80.0                                                          |
| <b>Effective Focal Length EFL (mm):</b><br>2,032.00                                                          |
| <b>Radius of Curvature (mm):</b><br>4,064.00                                                                 |
| <b>Aperture (f/#):</b><br>f/8                                                                                |
| <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> <input type="checkbox"/><br>0.3 J/cm² @ 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>             |