

TECHSPEC<sup>®</sup> 4.5mm Dia. x 4.5mm FL, VIS-EXT Coated Plano-Convex Lens



Stock **#88-627** 3-4 DAYS

[Other Coating Options](#)

-

1

+

£56.95

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| £56.95                        |
| Qty 10+                       |
| £51.21                        |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):  
4.50 +0.0/-0.025

Effective Focal Length EFL (mm):

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| 4.50 @ 587.6nm                                                                                    |
| <b>Back Focal Length BFL (mm):</b><br>3.05                                                        |
| <b>Coating:</b><br>VIS-EXT (350-700nm)                                                            |
| <b>Coating Specification:</b><br>R <sub>avg</sub> <0.5% @ 350 - 700nm                             |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-LASF44</a>                            |
| <b>Surface Quality:</b><br>40-20                                                                  |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                             |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                       |
| <b>Focal Length Tolerance (%):</b><br>±1                                                          |
| <b>Centering (arcmin):</b><br>30-45, typical                                                      |
| <b>Center Thickness CT (mm):</b><br>2.59 ±0.05                                                    |
| <b>Edge Thickness ET (mm):</b><br>1.8                                                             |
| <b>Radius R<sub>1</sub> (mm):</b><br>3.61                                                         |
| <b>Clear Aperture CA (mm):</b><br>4.05                                                            |
| <b>f/#:</b><br>1                                                                                  |
| <b>Numerical Aperture NA:</b><br>0.50                                                             |
| <b>Type:</b><br>Plano-Convex Lens                                                                 |
| <b>Bevel:</b><br>Protective bevel as needed                                                       |
| <b>Wavelength Range (nm):</b><br>350 - 700                                                        |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm <sup>2</sup> @ 532nm, 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>             |