

# 1.5mm Dia. x 1.0mm FL, Telecom-NIR Coated, Plano-Convex Lens



Stock **#45-968** CLEARANCE 3-4 DAYS

[Other Coating Options](#)

-

1

+

£18.66

ADD TO CART

|        |
|--------|
| Qty 1+ |
| £18.66 |

|                               |
|-------------------------------|
| Volume Pricing                |
| <a href="#">Request Quote</a> |

!

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads

Diameter (mm):  
1.50 +0.00/-0.05

Effective Focal Length EFL (mm):  
1.00 @ 587.6nm

Back Focal Length BFL (mm):  
0.57

Coating:  
Telecom-NIR

Coating Specification:

|                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------|
| R <sub>abs</sub> ≤0.25% @ 1295 - 1325nm<br>R <sub>abs</sub> ≤0.25% @ 1535 - 1565nm<br>R <sub>avg</sub> ≤0.25% @ 1200 - 1600nm |
| Substrate: <div><div></div><div>N-LASF9</div></div>                                                                           |
| Surface Quality:<br>20-10                                                                                                     |
| Power (P-V) @ 632.8nm:<br>1.5λ                                                                                                |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                                                                                          |
| Focal Length Tolerance (%):<br>±1                                                                                             |
| Centering (arcmin):<br>30-45                                                                                                  |
| Center Thickness CT (mm):<br>0.80 ±0.05                                                                                       |
| Edge Thickness ET (mm):<br>0.35                                                                                               |
| Radius R <sub>1</sub> (mm):<br>0.85                                                                                           |
| Clear Aperture CA (mm):<br>1.35                                                                                               |
| f#:<br>0.67                                                                                                                   |
| Numerical Aperture NA:<br>0.75                                                                                                |
| Type:<br>Plano-Convex Lens                                                                                                    |
| Bevel:<br>Protective bevel as needed                                                                                          |
| Wavelength Range (nm):<br>1200 - 1600                                                                                         |

## Regulatory Compliance

|                                     |
|-------------------------------------|
| RoHS:<br>Compliant                  |
| Certificate of Conformance:<br>View |