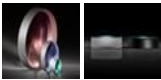


**TECHSPEC® 20mm Diameter x -30 FL, VIS-NIR Coated, Plano-Concave Lens**



TECHSPEC VIS-NIR Coated Plano-Concave (PCV) Lenses



Stock **#45-919** [CONTACT US](#)

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⊖ 1 ⊕ **€47,00**

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Qty 1-9

€47,00

Qty 10+

€42,25

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**Diameter (mm):**  
20.00 +0.0/-0.025

|                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| Effective Focal Length EFL (mm):<br>-30.00                                                                                                   |
| Substrate: <div><div></div><div>N-SF11</div></div>                                                                                           |
| f/#:<br>1.5                                                                                                                                  |
| Numerical Aperture NA:<br>0.33                                                                                                               |
| Coating:<br>VIS-NIR (400-1000nm)                                                                                                             |
| Type:<br>Plano-Concave Lens                                                                                                                  |
| Wavelength Range (nm):<br>400 - 1000                                                                                                         |
| Back Focal Length BFL (mm):<br>-31.96                                                                                                        |
| Bevel:<br>Protective bevel as needed                                                                                                         |
| Center Thickness CT (mm):<br>3.50                                                                                                            |
| Center Thickness Tolerance (mm):<br>±0.10                                                                                                    |
| Centering (arcmin):<br><1                                                                                                                    |
| Clear Aperture CA (mm):<br>19.00                                                                                                             |
| Coating Specification:<br>R <sub>abs</sub> ≤0.25% @ 880nm<br>R <sub>avg</sub> ≤1.25% @ 400 - 870nm<br>R <sub>avg</sub> ≤1.25% @ 890 - 1000nm |
| Edge Thickness ET (mm):<br>5.39                                                                                                              |
| Focal Length Specification Wavelength (nm):<br>587.6                                                                                         |
| Focal Length Tolerance (%):<br>±1                                                                                                            |
| Radius R <sub>1</sub> (mm):<br>-23.54                                                                                                        |
| Surface Quality:<br>40-20                                                                                                                    |
| Damage Threshold, By Design: <div><div></div><div>5 J/cm<sup>2</sup> @ 532nm, 10ns</div></div>                                               |
| Power (P-V) @ 632.8nm:<br>1.5λ                                                                                                               |
| Irregularity (P-V) @ 632.8nm:<br>λ/4                                                                                                         |

## Regulatory Compliance

|                                     |
|-------------------------------------|
| RoHS 2015:<br>Compliant             |
| Certificate of Conformance:<br>View |
| Reach 235:<br>Compliant             |