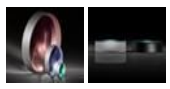
# TECHSPEC 9mm Diameter x -9 FL, VIS-NIR, Inked, Plano-Concave Lens

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



Stock **#45-913-INK** 10-15 DAYS

Other Coating Options

- 1 + **S$76.13**

ADD TO CART

| Qty 1-9 |
| --- |
| **S$76.13** |

| Qty 10+ |
| --- |
| **S$68.51** |

| Volume Pricing |
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CUSTOM OPTIONS

**Diameter (mm):**
9.00 ±0.025

**Effective Focal Length EFL (mm):**

-9.00

**Substrate:**
N-SF11

**f/#:**
1.00

**Numerical Aperture NA:**
0.50

**Coating:**
VIS-NIR (400-1000nm)

**Type:**
Plano-Concave Lens

**Wavelength Range (nm):**
400 - 1000

**Back Focal Length BFL (mm):**
-10.21

**Bevel:**
Protective bevel as needed

**Center Thickness CT (mm):**
2.25

**Center Thickness Tolerance (mm):**
±0.05

**Centering (arcmin):**
<3

**Clear Aperture CA (mm):**
8.1

**Coating Specification:**
$R_{abs}$ ≤0.25% @ 880nm
$R_{avg}$ ≤1.25% @ 400 - 870nm
$R_{avg}$ ≤1.25% @ 890 - 1000nm

**Edge Thickness ET (mm):**
3.63

**Focal Length Specification Wavelength (nm):**
587.6

**Focal Length Tolerance (%):**
±1

**Radius $R_1$ (mm):**
-7.07

**Surface Quality:**
40-20

**Damage Threshold, By Design:**
5 J/cm$^2$ @ 532nm, 10ns

**Power (P-V) @ 632.8nm:**
1.5λ

**Irregularity (P-V) @ 632.8nm:**
λ/4

## Regulatory Compliance

**RoHS:**
Compliant

**Certificate of Conformance:**
View