



[sales@toweroptical.com](mailto:sales@toweroptical.com) ([mailto:sales@toweroptical.com](mailto:mailto:sales@toweroptical.com)) 1-561-740-2525 (tel:15617402525)

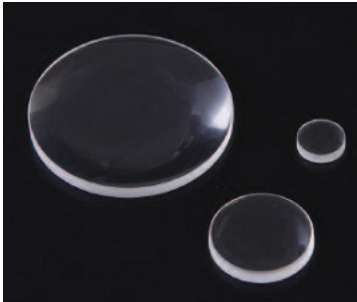
Log In (<http://www.toweroptical.com/login/>) | Register (<http://www.toweroptical.com/register/>) | My Cart (<http://www.toweroptical.com/cart/>) | My Account (<https://www.toweroptical.com/my-account/>) | Sitemap (<http://www.toweroptical.com/sitemap/>)

## Quality is not expensive, it is Priceless



Search ...

## Plano Concave Lenses



**Order Form** (<http://www.toweroptical.com/order-form/>)

### Plano Concave Lenses

Tower Optical's plano concave lenses have a negative focal length, diverge collimated incident light, and form only virtual images which are seen through the lens. They are often used to expand light beams or increase focal lengths in existing systems. They are widely used in telescopes, collimators, optical transceivers, magnifiers, radiometers and condensers.

### Specifications

<b>Material</b> : BK7, grade A, fine anneal, or K9 substitute
<b>Design wavelength</b> : 632.8 nm
<b>Diameter tolerance</b> : +0/-0.10 mm
<b>Focal length tolerance</b> : $\pm 1\%$
<b>Centering</b> : $\pm 3$ arc minutes
<b>Clear aperture</b> : 90% of diameter
<b>Surface quality</b> : 60-40 Scratch-Dig
<b>Bevel</b> : 0.25 mm x 45°
<b>Coating</b> : none

Didn't See What You Need Please Click Here  
(<http://www.toweroptical.com/custom-order-form/>)

### Pricing And Ordering Information

Part No. Number	Dia.(mm)	EFL (mm)	R1 (mm)	R2 (mm)	CT (mm)	ET (mm)	BFL (mm)	Price each
LNCV001	6	-18	-9.26	$\infty$	2	2.5	-19.32	18
LNCV002	6	-24	-12.35	$\infty$	2	2.37	-25.32	18
LNCV003	12.7	-25	-12.87	$\infty$	3	4.68	-26.98	19
LNCV004	12.7	-30	-15.44	$\infty$	3	4.37	-31.98	19
LNCV005	12.7	-50	-25.73	$\infty$	3.5	4.3	-52.31	19
LNCV006	25.4	-50	-25.7	$\infty$	3.5	6.9	-52.3	22
LNCV007	25.4	-75	-38.6	$\infty$	3.5	5.56	-77.31	22
LNCV008	25.4	-100	-51.46	$\infty$	4	5.59	-102.64	22

LNCV009	50.8	-75	-38.6	∞	3.5	13.04	-77.31	29
LNCV010	50.8	-100	-51.46	∞	4	10.71	-102.64	29
LNCV011	50.8	-150	-77.19	∞	4	8.3	-31.97	29

Please check with Tower for availability. Call us for quantity pricing.

We make custom versions of everything on this site. Send us your drawings or specifications and we will provide a quotation. (<http://www.toweroptical.com/contact-us/>)

Subscribe to Newsletter Enter Email Address

Go

f Facebook (<https://www.facebook.com/toweroptical>)  
in LinkedIn ([https://www.linkedin.com/company/tower-optical?trk=top\\_nav\\_home](https://www.linkedin.com/company/tower-optical?trk=top_nav_home))  
G+ Google+ (<https://plus.google.com/107060547029566862242/about>)

### Main Links

- About Us (<http://www.toweroptical.com/about-us/>)
- Catalog Request (<http://www.toweroptical.com/catalog-request/>)
- Order Form (<http://www.toweroptical.com/order-form/>)
- Contact Us (<http://www.toweroptical.com/contact-us/>)
- Career Opportunities (<http://www.toweroptical.com/career-opportunities/>)

### Quick Links

- Sitemap (<http://www.toweroptical.com/sitemap/>)
- Return Policy (<http://www.toweroptical.com/return-policy/>)
- Privacy Policy (<http://www.toweroptical.com/privacy-policy/>)
- Terms and Conditions (<http://www.toweroptical.com/terms-and-conditions/>)

### We Accept all



### Contact Us

3600 S. Congress Avenue, Unit J  
 Boynton Beach, FL 33426  
 Email: [sales@toweroptical.com](mailto:sales@toweroptical.com) (<mailto:sales@toweroptical.com>)  
 Phone: 1-561-740-2525 (tel:1-561-740-2525)  
 Toll Free: 1-800-526-7560 (tel:1-800-526-7560)  
 Fax: 1-561-740-2518 (tel:1-800-526-7560)