

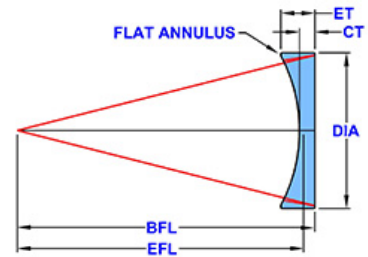


Plano Concave

Ross now offers plano-concave micro optics down to 1 mm. With one flat surface and one concave surface, they are used to diverge incoming light, or to increase focal length in an existing optical system.

Below are our standard specifications.

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Diameter	Dia. Tolerance	CT Tolerance	Centering	Irregularity	Surface Quality	Bevel
1.00-4.00	+0.00 / -0.10	±0.1	< 5 minutes	0.5 Waves	40-20	0.25 x 45°
Dimensions		MM				
Clear Aperture		CA ≥ 90% of Diameter				
Coating		Uncoated, Specify your coating (See Coating Chart for Available Options)				
Design Wavelength		587.6nm				
Focal Length Tolerance		±2%				
Edge Thickness		Reference				

* All dimensions are in mm

Request a Quote

Viewing 1 to 11 (11 Total)

Sort by:

Part Number	Diameter	Effective Focal Length	Back Focal Length	Center Thickness	Edge Thickness	
L-MPC005	1.0000	-1.0000	-1.2800	0.5000	0.7000	Add to cart
L-MPC010	2.0000	-2.0000	-2.4500	0.8000	1.2000	Add to cart
L-MPC015	2.0000	-4.0000	-4.4500	0.8000	1.0000	Add to cart
L-MPC020	3.0000	-6.0000	-6.4500	0.8000	1.1000	Add to cart
L-MPC025	4.0000	-8.0000	-8.4500	0.8000	1.1000	Add to cart
L-MPC050	4.0000	-18.0000	-18.8000	1.5000	1.7000	Add to cart
L-MPC055	4.0000	-22.0000	-22.9000	1.5000	1.7000	Add to cart
L-MPC060	4.0000	-29.0000	-29.9000	1.5000	1.6000	Add to cart
L-MPC065	4.0000	-45.5000	-46.2000	1.5000	1.6000	Add to cart
L-MPC070	4.0000	-55.0000	-55.5000	1.5000	1.6000	Add to cart
L-MPC100	3.0000	-3.0000	-3.3000	0.5000	1.2000	Add to cart

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