

Reflective and transmissive collimating optics are used in beam delivery systems to maintain beam collimation between the laser resonator and the focusing optics. Reflective collimators typically use Cu total reflectors, while transmissive collimators typically use ZnSe lenses.

Plano Convex Lenses

PN	Description	Diameter (mm)	Focal Length (M)	Edge Thickness (mm)	Coating
200375	ZnSe PO/CX	38.1	0.71	6.00	AR/AR
439481	ZnSe PO/CX	38.1	0.82	6.00	AR/AR
686863	ZnSe PO/CX	38.1	0.99	6.00	AR/AR
316607	ZnSe PO/CX	38.1	1.23	6.00	AR/AR
827456	ZnSe PO/CX	38.1	2.50	6.00	AR/AR
890070	ZnSe PO/CX	38.1	7.82	6.02	AR/AR
702155	ZnSe PO/CX	38.1	9.50	4.01	AR/AR
607060	ZnSe PO/CX	38.1	11.00	4.01	AR/AR
448393	ZnSe PO/CX	38.1	15.00	4.01	AR/AR
945433	ZnSe PO/CX	38.1	15.00	3.05	AR/AR
434440	ZnSe PO/CX	50.8	4.00	6.00	AR/AR
687948	ZnSe PO/CX	50.8	12.00	6.00	AR/AR



Dimensional Tolerance	Diameter	+0.000"/-0.005"
	Thickness	±0.010"
Edge Thickness Variation (ETV)	<= 0.002"	
Clear Aperture (polished)	90% of diameter	
Scratch-Dig	20-10	

Reflector

PN	Description	Diameter (mm)	Focal Length (M)	Edge Thickness (mm)	Coating
754229	Cu Reflector	38.0	15.0M CC	6.00	MMR
798182	Cu Reflector	50.0	1.68M CC	10.00	MMR
612872	Cu Reflector-WC	50.0	1.87M CC	31.75	EG
156390	Cu Reflector	50.0	2.44M CC	9.53	EG
881808	Cu Reflector-WC	50.0	3.05M CC	31.75	EG
403522	Cu Reflector	50.0	3.25M CC	10.00	MMR
387566	Cu Reflector-WC	50.0	3.61M CC	31.75	EG
798981	Cu Reflector-WC	50.0	3.68M CC	31.75	EG
907296	Cu Reflector-WC	50.0	3.72M CC	31.75	EG
549593	Cu Reflector-WC	57.2	1.87M CC	31.75	EG
234345	Cu Reflector-WC	57.2	2.09M CC	31.75	EG
862041	Cu Reflector	50.0	1.00M CX	10.00	MMR
534484	Cu Reflector-WC	50.0	1.20M CX	31.75	EG
662344	Cu Reflector	50.0	2.25M CX	10.00	MMR
709199	Cu Reflector-WC	50.0	2.34M CX	31.75	EG
571612	Cu Reflector-WC	50.0	3.00M CX	31.75	EG
238861	Cu Reflector-WC	57.2	1.33M CX	31.75	EG
764252	Cu Reflector-WC	57.2	1.37M CX	31.75	EG



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Scratch-Dig	20-10	