

Zinc Selenide CVD (ZnSe CVD)

Diameter tolerance	+0,-0.005" (+0,-0.13 mm)
Center Thickness tolerance	+/-0.008" (+/-0.2 mm)
Design Wavelength	10.6 microns
Focal Length Tolerance	+/-2%
Surface Quality	60/40
Clear Aperture	90% Central Diameter
Wedge Angle	<3 arc min
Surface Irregularity	1/20 λ at 10.6 microns

CAT#	DIA, in	DIA, mm	FOC, mm	CT, mm	ET, mm	Sag1, mm	Sag2, mm	R1cc, mm	R2cx, mm
ZC-PM-12-12	0.5	12.7	13.0	2.70	1.50	0.80	2.00	22.96	10.79
ZC-PM-12-25	0.5	12.7	25.4	2.10	1.50	???	???	64.27	23.66
ZC-PM-12-50	0.5	12.7	50.8	1.80	1.50	???	???	107.65	42.85
ZC-PM-25-25	1.0	25.4	25.4	4.40	2.00	1.50	3.90	58.34	22.91
ZC-PM-25-38	1.0	25.4	38.1	3.60	2.00	1.00	2.50	122.73	38.04
ZC-PM-25-50	1.0	25.4	50.8	3.20	2.00	0.70	1.90	107.65	43.95
ZC-PM-25-63	1.0	25.4	63.5	2.90	2.00	0.50	1.40	161.08	58.49
ZC-PM-25-76	1.0	25.4	76.2	2.80	2.00	0.40	1.10	179.47	68.23
ZC-PM-25-100	1.0	25.4	101	2.60	2.00	0.30	0.90	250.00	90.78
ZC-PM-25-127	1.0	25.4	127	2.50	2.00	0.30	0.70	449.80	127.35
ZC-PM-25-150	1.0	25.4	150	2.40	2.00	0.20	0.60	299.90	124.17
ZC-PM-38-38	1.5	38.1	38.1	6.60	3.00	2.30	5.90	79.98	33.57
ZC-PM-38-50	1.5	38.1	50.8	5.70	3.00	1.70	4.30	107.65	43.95
ZC-PM-38-63	1.5	38.1	63.5	5.10	3.00	1.20	3.30	161.08	58.49
ZC-PM-38-76	1.5	38.1	76.2	4.70	3.00	1.00	2.70	179.47	68.23
ZC-PM-38-100	1.5	38.1	101	4.30	3.00	0.73	2.00	250.00	90.78
ZC-PM-38-127	1.5	38.1	127	4.00	3.00	0.60	1.60	449.80	127.35
ZC-PM-38-150	1.5	38.1	150	3.90	3.00	0.60	1.50	299.90	124.17
ZC-PM-38-200	1.5	38.1	203	3.60	3.00	0.30	0.90	633.90	199.07
ZC-PM-50-50	2.0	50.8	50.8	8.40	3.50	3.20	8.00	103.05	43.95
ZC-PM-50-63	2.0	50.8	63.5	7.30	3.50	2.20	6.00	202.30	63.68
ZC-PM-50-76	2.0	50.8	76.2	6.60	3.50	1.80	4.90	179.47	68.23
ZC-PM-50-100	2.0	50.8	101	5.80	3.50	1.40	3.60	225.90	89.13
ZC-PM-50-127	2.0	50.8	127	5.30	3.50	1.10	2.90	449.80	127.35
ZC-PM-50-150	2.0	50.8	150	5.00	3.50	1.00	2.60	299.90	124.17
ZC-PM-50-200	2.0	50.8	203	4.60	3.50	0.60	1.80	633.90	199.08

Custom sizes and specifications are available