

Molded Glass Collimating Optics

Rochester Precision Optics produces aspheric lenses in a wide range of focal lengths and numerical apertures, which provide diffraction limited performance. Standard catalog lenses are offered with three broadband anti-reflection coatings covering wavelengths from 400nm to 1600nm. Custom coatings can also be provided for your specific application.

Standard Mounted Assemblies

Lens Code	NA	EFL (mm)	CA (mm)	OD (mm)
A280	0.15	18.40	5.50	6.50
A260	0.16	15.29	5.8	6.50
A220	0.26	11.00	5.50	7.20
A635	0.31	4.50	2.80	3.00
A170	0.30	6.16	3.70	4.70
A375	0.30	7.50	4.50	6.51
A397	0.30	11.00	6.59	7.20
A110	0.40	6.24	5.00	7.20
N150	0.50	2.00	2.00	3.00
A240	0.50	8.00	8.00	9.94
A390	0.53	4.60	4.89	6.00
N435	0.55	5.30	5.83	7.33
A230	0.55	4.51	4.95	6.330
A658	0.60	2.59	3.12	4.40
N330	0.62	3.10	5.40	6.325

Injection Mounted Assemblies

Lens Code	NA	EFL (mm)	CA (mm)	Mounting
N414	0.51	3.30	3.52	6.35
A365	0.53	4.59	4.87	6.35

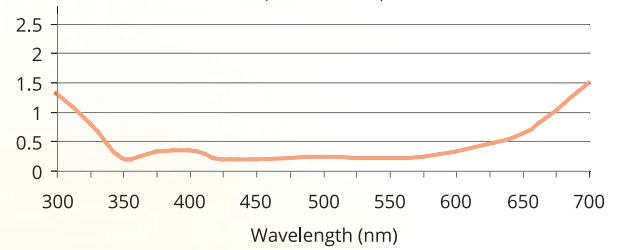
Short Wavelength Visible Lenses

Lens Code	NA	EFL (mm)	CA (mm)	OD (mm)
A610	0.60	4.00	4.80	6.325
A671	0.60	4.02	4.85	6.325

Standard Product Multilayer Broadband Coatings (MLBB)

(Please contact sales for custom coatings)

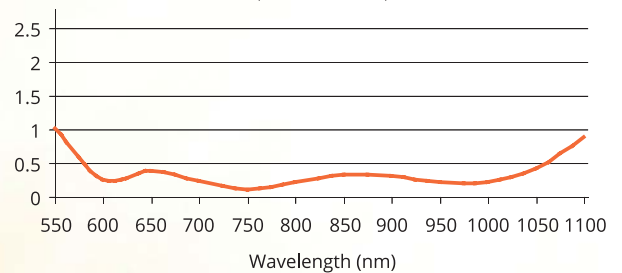
Standard A-Coating
(350-600nm)



MLBB - A coating RMAX

<1%, from 400nm - 600nm

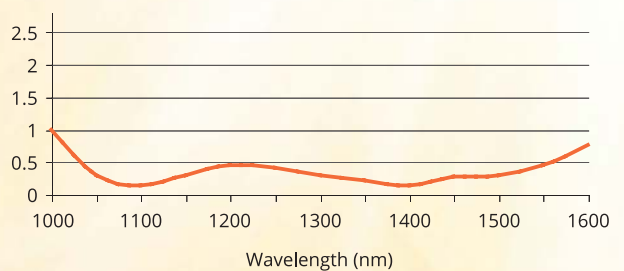
Standard B-Coating
(600-1050nm)



MLBB - B coating RMAX

<1%, from 600nm - 1050nm

Standard C-Coating
(1050-1550nm)



MLBB - C coating RMAX

<1%, from 1050nm - 1600nm