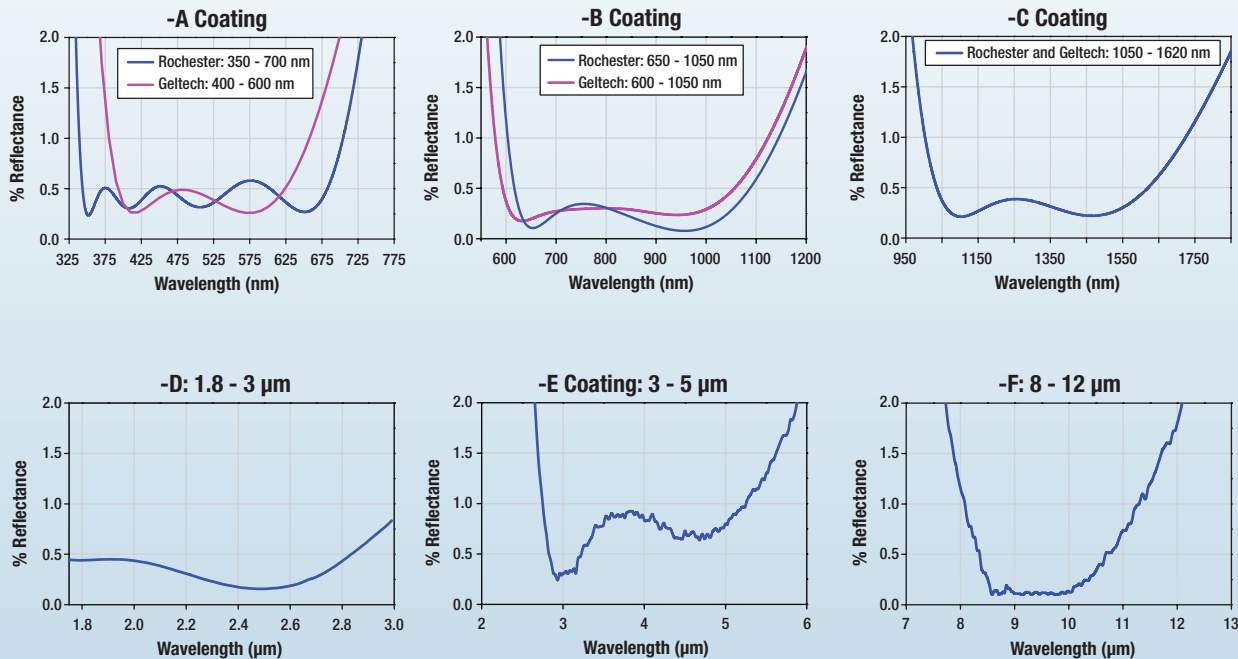
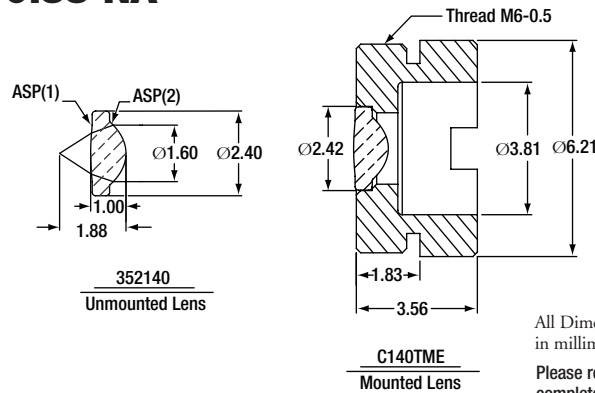


Molded Asphere Antireflection Coatings



352140 $f = 1.45$ mm and 0.55 NA



All Dimensions are
in millimeters
Please refer to our website for
complete models and drawings.

Geltech™ Molded Glass Aspheric Collimator Lens

Optical Design Specifications

- Design Wavelength: 780 nm
- Numerical Aperture: 0.55
- Clear Aperture: $\varnothing 1.60$ mm
- Effective Focal Length: 1.45 mm
- Mounted and Unmounted Working Distance: 0.88 mm
- Magnification: Infinite
- Diffraction-Limited Range: 515 - 2055 nm
- Surface Quality: 40-20 Scratch-Dig
- Glass: ECO-550

Geltech™ lenses are manufactured by LightPath® Technologies

Aspheric Coefficients

	R	k	A_4	A_6	A_8	A_{10}
ASP (1)	5.96	—	-3.2614529E-02	8.4152642E-03	—	—
ASP (2)	-0.95	-0.9364926	-4.8302587E-02	-3.8501306E-03	2.8518923E-03	—

Unmounted, AR-Coated Aspheric Lenses

ITEM #	\$	£	€	RMB	DESCRIPTION
352140-A	\$ 69.00	£ 49.68	€ 60.03	¥ 549.93	Lens, AR-Coated: 400 - 600 nm
352140-B	\$ 69.00	£ 49.68	€ 60.03	¥ 549.93	Lens, AR-Coated: 500 - 1050 nm
352140-C	\$ 69.00	£ 49.68	€ 60.03	¥ 549.93	Lens, AR-Coated: 1050 - 1620 nm

Mounted, AR-Coated Aspheric Lenses

ITEM #	\$	£	€	RMB	DESCRIPTION
C140TME-A	\$ 74.00	£ 53.28	€ 64.38	¥ 589.78	Mounted Lens, AR-Coated: 400 - 600 nm
C140TME-B	\$ 74.00	£ 53.28	€ 64.38	¥ 589.78	Mounted Lens, AR-Coated: 500 - 1050 nm
C140TME-C	\$ 74.00	£ 53.28	€ 64.38	¥ 589.78	Mounted Lens, AR-Coated: 1050 - 1620 nm