

CAR (crown anti-reflection)

Our "off-the-shelf" multilayer anti-reflection glass is coated in-house with our state-of-the-art BBAR anti-reflection coatings. Using select optical crown glass of various thicknesses for your convenience, this product is ideal for applications, such as;

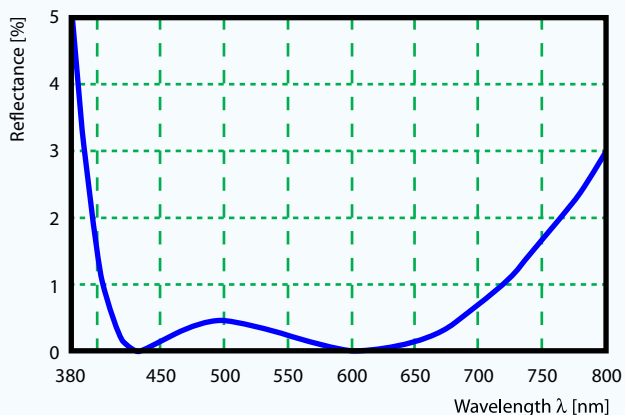
- Laser Scanner Windows
- Instrument Windows
- Sight Glasses
- Dust Covers
- Meter Faces
- Cameras
- Liquid Crystal Display
- Front Panel Display

With our anti-reflection coating, visibility is greatly increased, thereby increasing transmission and improving contrast. Our anti-reflection coatings are made of all-dielectric materials. They are rugged and durable to withstand heat, humidity and abrasion.

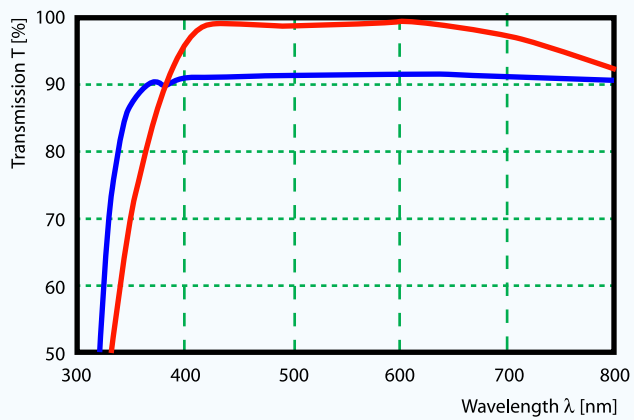
Please see the specifications below, allow our thin film coating group to make any necessary adjustments to meet your immediate needs.

Products Info:

Product #	Thickness	Material	Surface Quality
CAR040	.039" (1.0mm)	Glaverbel	80/50
CAR060	.063" (1.6mm)	Glaverbel	80/50
CAR080	.083" (2.1mm)	Glaverbel	80/50
CAR130	.130" (3.3mm)	Starphire	80/50
CAR230	.236" (6.0mm)	Starphire	80/50



Our broadband anti-reflective coating reflects less than .5% average from 425-675nm at normal angle of incidence.



The blue line is standard uncoated float glass. The red line is float glass with our BBAR on both sides.

These graphs were produced from a piece of CAR040 randomly chosen from our coated stock and a piece of .95mm thick float glass.

Though we list a variety of standard items, we are not limited to these tolerances and/or specifications. We manufacture optical components and custom coatings to customer specification. Please contact one of our sales engineers for further details.