

### Miniature Wide Angle Lens



### Description

The DSL202 lens is a multi-element glass lens optimized for imager sizes up to 1/3" format and HD resolution. The all glass, all metal construction enables good thermal stability. The DSL202 is also environmentally ruggedized.

### Key Features

- Wide field of view
- All glass elements to optimize thermal stability

### Optical Specifications

| Sunex PN DSL202           |                                     |
|---------------------------|-------------------------------------|
| Description               | Miniature Glass lens                |
| Imager Format             | Up to 1/3"                          |
| Nominal Imager Resolution | 1.3MP                               |
| Focal Length              | 3.9mm                               |
| Relative Aperture (F/#)   | F/2.6                               |
| Image Circle              | 6.0mm                               |
| Field of View             | 94° at 6.0mm image circle           |
| Total Track Length        | 20.4mm                              |
| Distortion                | -29% rectilinear                    |
| Chief Ray Angle           | 11.4° at 6.0mm image circle, linear |
| IR cut-off filter         | IR cutoff at 650nm optional         |

### Applications

- Rear-view Automotive
- Security & Surveillance
- Industrial

### DSL202A-650-F2.6 and DSL202A-NIR-F2.6 Mechanical Dimensions [mm]:

Note: DSL202A is intended for use with Sunex CMT103, CMT107, or CMT804 mounts

