



Low Profile Lens for  
1/6" VGA Sensors

### Description

The DSL767 is a 1/6" format, all-plastic lens with a total track length (TTL) of just 3.2mm. It is designed for compact camera applications where an extremely small lens is required.

### Key Features

- Optimized for 1/6" format CMOS imagers with VGA resolution
- All-plastic design
- Low profile, small size

### Applications

- Mobile phone cameras
- Compact DSC
- PDA
- Portable imaging devices
- Medical devices

### Optical specifications

#### Sunex PN DSL767

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Description</b>            | Compact 2P lens             |
| <b>Design Image Circle</b>    | 3.3mm                       |
| <b>Imager Resolution</b>      | VGA Image Sensors           |
| <b>Focal length (mm)</b>      | 2.43mm                      |
| <b>Back focal length (mm)</b> | See mechanical drawing      |
| <b>F/#</b>                    | 2.8                         |
| <b>Distortion</b>             | <0.5%                       |
| <b>Diagonal field of view</b> | 66°                         |
| <b>Relative illumination</b>  | 58% @ 90% field             |
| <b>Filter Option</b>          | Optional IR filter included |
| <b>Lens barrel thread</b>     | M5x0.35                     |
| <b>Max Chief Ray</b>          | 25°                         |
| <b>Total Track Length</b>     | 3.2mm                       |

