

Low F-number, Miniature Lens



Description

DSL979 is a compact lens designed for low light imaging applications by being HDR optimized and having a low F-number. The all glass construction makes it thermally stable and ideally-suited for indoor and outdoor applications in harsh environments.

Key Features

- F/1.8
- All glass for environmental and thermal stability
- HDR-Optimized for low straylight

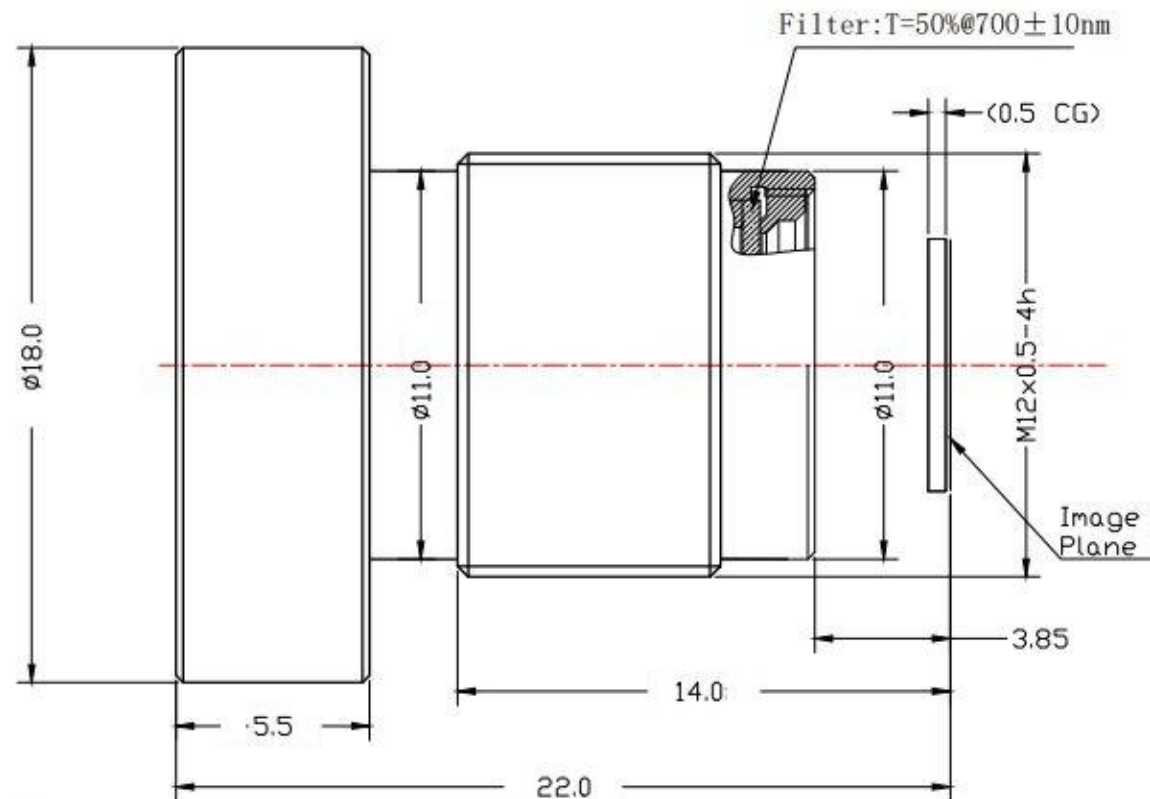
Optical Specifications

Sunex PN DSL979	
Description	Low F-Number, HDR, Glass Lens
Imager Format	1/2.7"
Nominal Imager Resolution	2MP
Focal Length	6.17mm
Relative Aperture (F/#)	1.8
Image Circle	7mm
Field of View	70° at 7mm image circle
Total Track Length	22.0mm
Distortion	-7.4% f- θ
Chief Ray Angle	10.4° at 7mm image circle
IR cut-off filter	-650nm optional

Applications

- Automotive
- Computer vision

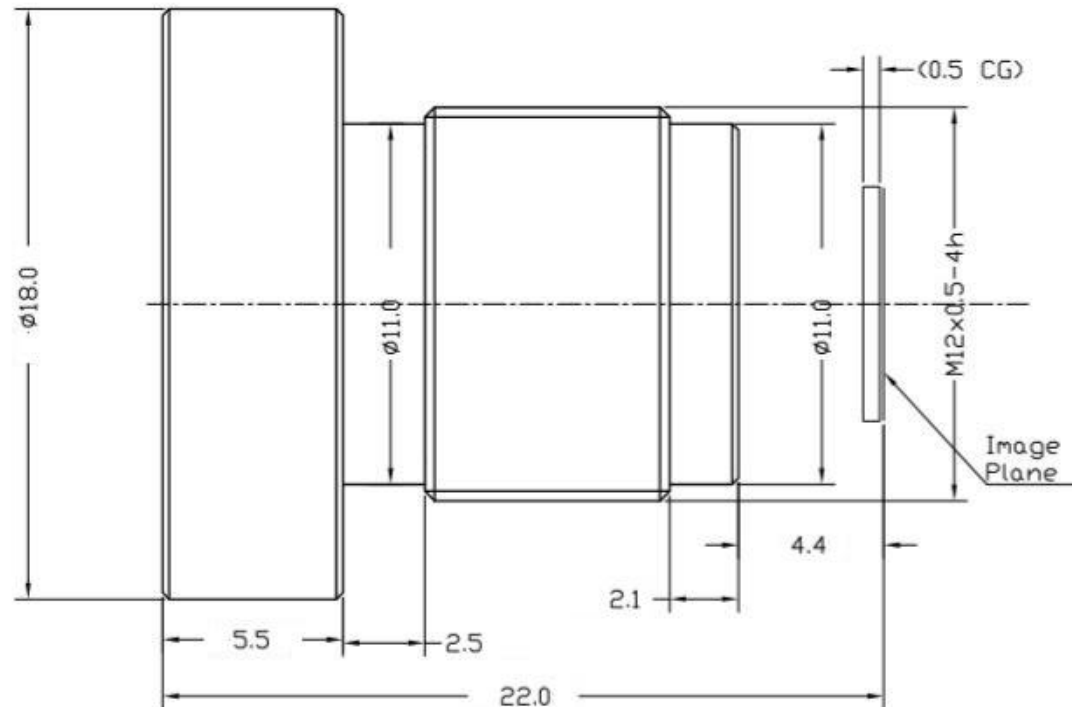
DSL979A-700-F1.8 Mechanical Dimensions [mm]:



Note:

1. Effective focal length: 6.17mm
2. F/#: 1.8
3. Barrel Material Black anodized AL;
4. IR Cut Coating: T=50%@700±10nm;

DSL979A-NIR-F1.8 Mechanical Dimensions [mm]:



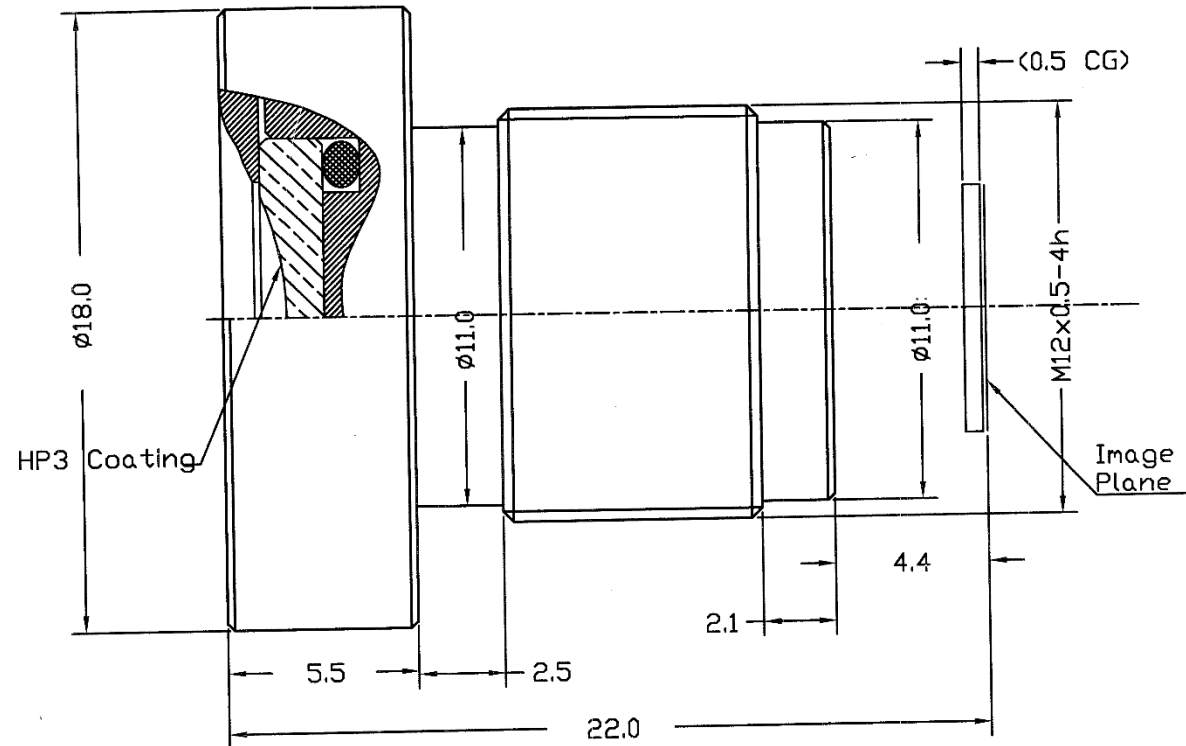
Note:

1. Effective focal length: 6.17mm

2. F/#: 1.8

3. Barrel Material Black anodized AL ;

DSL979A-NIR-F1.8-HP3 Mechanical Dimensions [mm]:



Note:

1. Effective focal length: 6.17mm;
2. F/#: 1.8
3. Barrel Material Black anodized AL;