

## 产品规格书 Product Datasheet

**型号 Model:** Rb- LD-101-0.78X110Y01

**产品类型 Lens Type:** 液态远心 / Liquid Telecentric

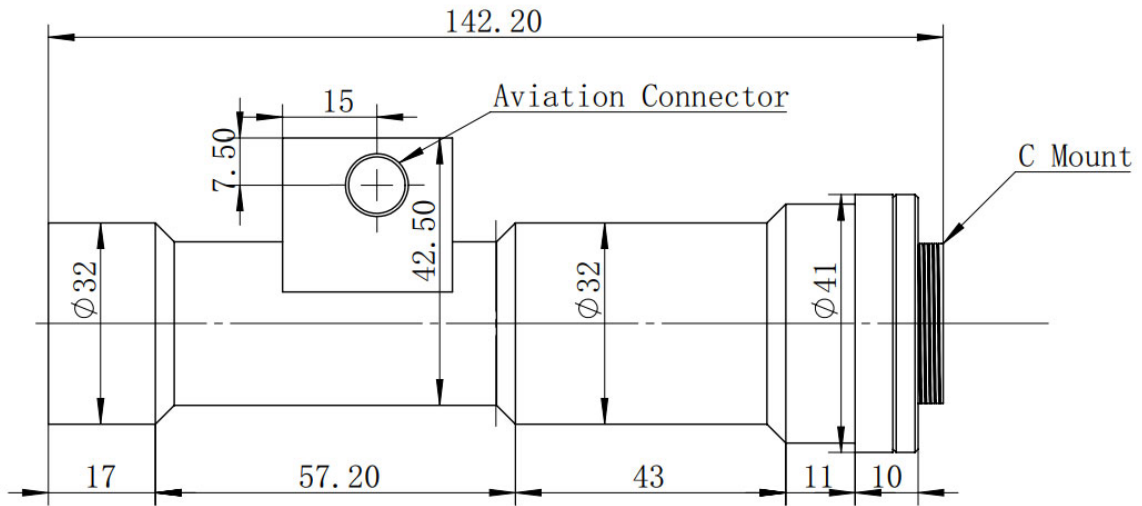
**性能参数 Spec Parameters:**

最大像圆 Max. Image Circle / mm	Ø 18.5
兼容靶面 Compatible Sensor Size	1.1
光圈 Aperture F#	12
景深 Depth of Field / mm	1.2(WD=110mm)
远心度 Telecentricity / °	≤0.03 (WD: 110mm)
畸变 Distortion / %	≤0.03 (WD: 110mm)
接口 Mount	C
净重 Net Weight / g	570g
连接头 Connector	Aviation Connector P7
对焦范围 Focusing Range/mm	50~150
建议使用范围 Suggest Using Range/mm	90~125
*此范围内光学性能变化较小，成像质量较高	
工作温度 Operating Temperature	-10°C~+50°C
存储温度 Storage Temperature	-20°C~+60°C

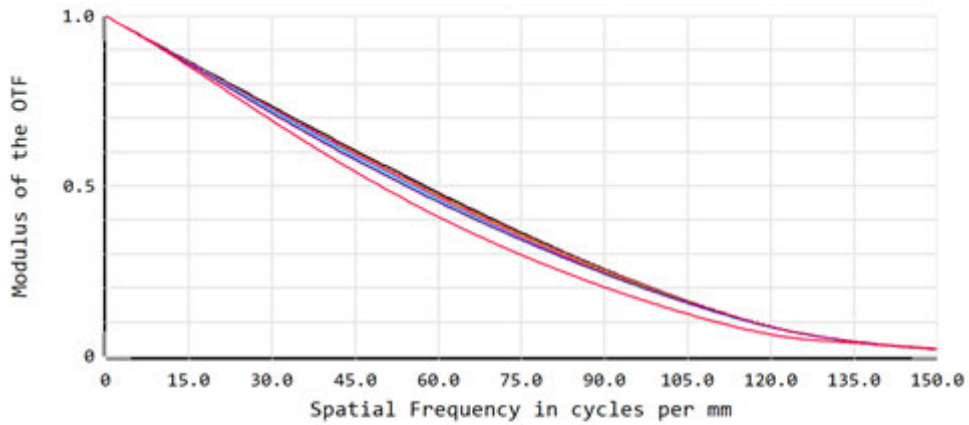
备注：不同物距下景深不同

# 外形尺寸 Mechanical Size

Unit: mm



# MTF Diagram



DIFF, Limit-Tangential	DIFF, Limit-Sagittal	0.00 mm-Tangential	0.00 mm-Sagittal	1.16 mm-Tangential
1.16 mm-Sagittal	2.33 mm-Tangential	2.33 mm-Sagittal	3.49 mm-Tangential	3.49 mm-Sagittal
4.65 mm-Tangential	4.65 mm-Sagittal	5.81 mm-Tangential	5.81 mm-Sagittal	6.97 mm-Tangential
6.97 mm-Sagittal	8.22 mm-Tangential	8.22 mm-Sagittal	10.40 mm-Tangential	10.40 mm-Sagittal
11.63 mm-Tangential	11.63 mm-Sagittal			

Polychromatic Diffraction MTF	
2021/10/28 Data for 0.4860 to 0.6560 $\mu\text{m}$ . Surface: Image	Zemax Zemax OpticStudio 17
Legend items refer to Field positions	0.78X110液态.ZMX Configuration 1 of 1