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TECHSPEC® 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens

1.7X Magnification, #63-232

Stock **#63-232** **1 In Stock**

- 1 +

MRP **₹2,28,102**

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	**₹2,28,102** each
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General

Product Family:
PlatinumTL™ Series

Stock No. of Mounting Clamp:
#63-233 Sold Separately

Type:
Telecentric Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
189.50

Maximum Diameter (mm):
60.0

Weight (g):
746

Flange Distance (mm):
17.5

Optical Properties

Horizontal Field of View, 2/3" Sensor:
5.2mm

Horizontal Field of View, 1/2" Sensor:
3.7mm

Maximum Image Circle (mm):
11.00

Numerical Aperture NA, Object Side:
0.083

Number of Elements (Groups):
10 (7)

Typical Telecentricity @ 588nm (°):
<0.080

Typical Distortion @ 588nm (%):
<0.020

Primary Magnification PMAG:
1.7X

Telecentric Lens Magnification:
1.70

Working Distance (mm):
123.00

FOV @ Max Sensor Format, H x V (mm):
5.2 x 3.9

Aperture (f/#):
f/6 - f/22

Coating:
425 - 675nm BBAR

Depth of Field (mm):
±0.18 at f/10 (20% @ 20 lp/mm)

Magnification:
1.7X

Lens Wavelength Range:
VIS

Sensor

Maximum Sensor Format:
2/3"

Pixel Size (µm):
2.74

Threading & Mounting

Filter Thread:
M58 x 0.75 (Female)

Mount:
C-Mount

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
China

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

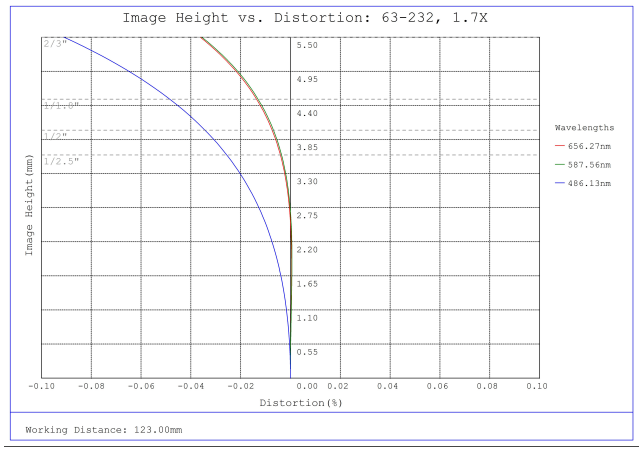
Product Details

- High Resolution f/6 Bi-Telecentric Lens for Measurement
- Up to 35 MegaPixels, 2.8µm Pixel Size Sensors
- APS-C, C-Mount, T-Mount, F-Mount Telecentric Lens

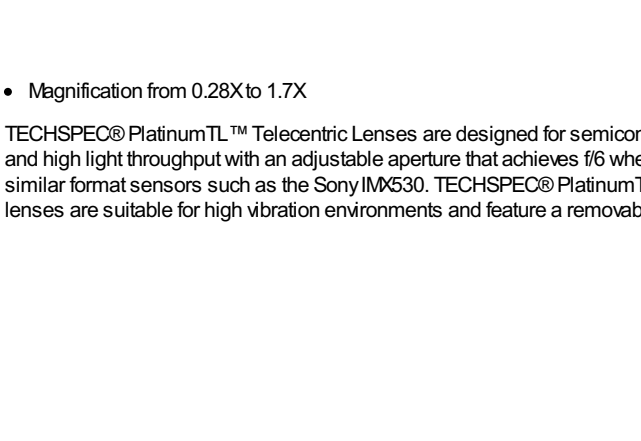
- Magnification from 0.28X to 1.7X

TECHSPEC® PlatinumTL™ Telecentric Lenses are designed for semiconductor and electronics inspection, measurement, and gauging applications. The precision designs feature high telecentricity (<0.1°), low distortion (<0.1%), and high light throughput with an adjustable aperture that achieves f/6 when fully open. Capable of supporting large format 28.7mm diagonal sensors, these lenses are compatible with the Sony IMX342 APS-C sensor and other similar format sensors such as the Sony IMX530. TECHSPEC® PlatinumTL™ Telecentric Lenses produce unparalleled levels of contrast yielding maximum image quality with the highest degree of measurement accuracy. These lenses are suitable for high vibration environments and feature a removable recessed set screw for securing the iris in place.

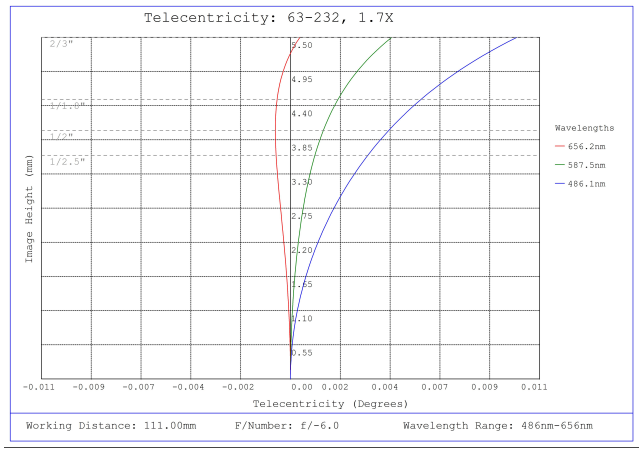
Technical Information



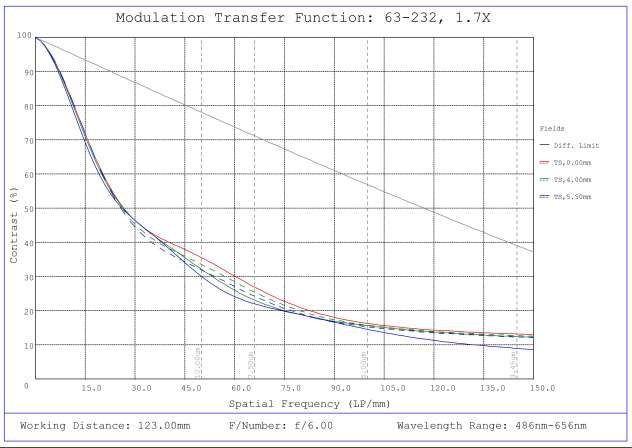
#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Distortion Plot



#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Relative Illumination Plot

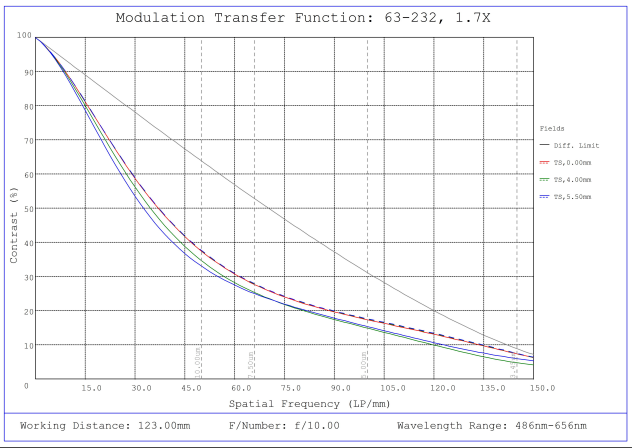


#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Telecentricity Plot

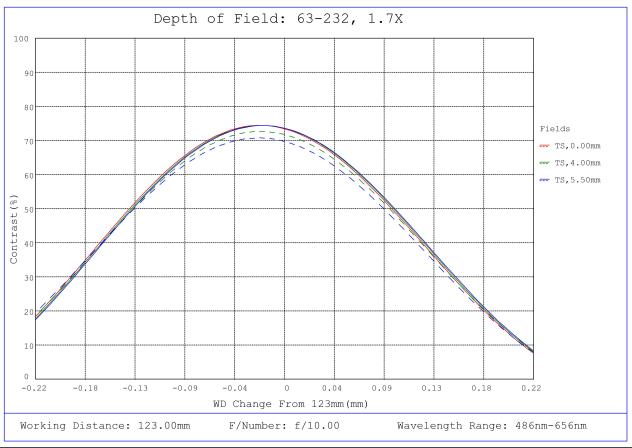


#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Modulated Transfer Function (MTF) Plot, 123mm Working Distance, f6

#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Depth of Field Plot, 123mm Working Distance, f6

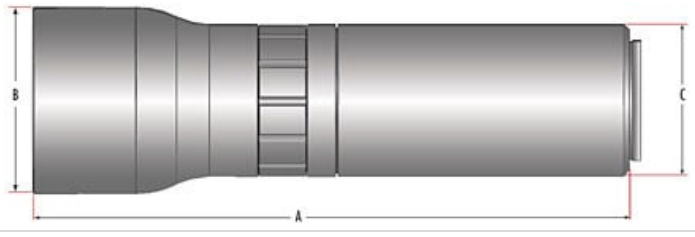


#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Modulated Transfer Function (MTF) Plot, 123mm Working Distance, f10



#63-232, 1.7X, 2/3" C-Mount PlatinumTL™ Telecentric Lens, Depth of Field Plot, 123mm Working Distance, f10

Description		Stock No.	Flange	Length (A)	Front Diameter (B)	Back Diameter (C)
0.28X	C-Mount	#62-933	17.5mm	230.8mm	60.5mm	33.5mm
0.5X	C-Mount	#62-932	17.5mm	174.9mm	50mm	33.5mm
1.7X	C-Mount	#63-232	17.5mm	189.5mm	60mm	46mm
0.28X	F-Mount	#62-922	46.5mm	167.6mm	138.6mm	55mm
	M42 x 1.0	#62-923	6.56mm	208.5mm	138.6mm	50mm
	M42 x 1.0	#62-924	19.53mm	195.5mm	138.6mm	50mm
0.5X	F-Mount	#62-912	46.5mm	143mm	90mm	55mm
	M42 x 1.0	#62-913	6.56mm	184mm	90mm	50mm
	M42 x 1.0	#62-914	19.53mm	171.1mm	90mm	50mm
0.9X	F-Mount	#62-902	46.5mm	170.8mm	65mm	55mm
	M42 x 1.0	#62-903	6.56mm	210.7mm	65mm	53mm
	M42 x 1.0	#62-904	19.53mm	197.8mm	65mm	53mm



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