

# TC 2M 56

BI-TELECENTRIC LENS FOR  
LARGE DETECTORS UP TO 1" (16 MM DIAGONAL)



Part Number	TC 2M 56 (/C /F)	
<b>Magnification</b>		0,229 +/- 3%
<b>Field Of View</b>	<b>(mm)</b>	
with IBIS4-6600		45,9 x 33,8
with KAI2020		51,8 x 38,8
with KAI 2093		62,2 x 35,0
<b>Working Distance</b>	<b>(mm)</b>	159,3 +/- 5
<b>Working F-number</b>		16
<b>Telecentricity</b>	<b>(degree)</b>	< 0,1
<b>Distortion</b>	<b>(%)</b>	< 0,1
<b>Field Depth</b>	<b>(mm)</b>	22,0
<b>CTF @50 lp/mm</b>	<b>(%)</b>	> 30
<b>Image side N.A.</b>		0,0310
<b>Object side N.A.</b>		0,0071
<b>Mount</b>		C or F
<b>Length</b>	<b>(mm)</b>	310,0
<b>External diameter</b>	<b>(mm)</b>	80,0
<b>Weight</b>	<b>(g)</b>	1350

## ACCESSORIES AND OPTIONS:



**Collimated/Telecentric illumination:**  
compatible with LTCL56 illuminator;  
green light suggested.



**Coaxial illumination:**  
compatible with LTCX64 illuminator.



**Back Light illumination:**  
Compatible with LTBK36 and LTBK48  
illuminator.



**Clamping Mechanics:**  
compatible with CMH056.



**Direct illumination:**  
compatible with LTRN64 diffusive  
anular illuminators.



**Filters:**  
filters can be inserted in the rear part  
of the lens with the C-mount option.

**MECHANICAL DRAWINGS: see next page >>**

