

# TC 4M 80

BI-TELECENTRIC LENS FOR  
LARGE DETECTORS UP TO 1.2"  
(21.5 MM DIAGONAL)



Part Number	TC 4M 80 (/C /F)	
<b>Magnification</b>		0,221 +/- 3%
<b>Field Of View</b>	<b>(mm)</b>	
with IBIS4-6600		47,6 x 35,0
with KAI2020		53,7 x 40,3
with KAI 2093		64,4 x 36,2
with MI-MV40		74,6 x 54,8
with KAI4011/4021		68,7 x 68,7
<b>Working Distance</b>	<b>(mm)</b>	227,7 +/- 7
<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>	24,0
<b>CTF @50 lp/mm</b>	<b>(%)</b>	> 30
<b>Image side N.A.</b>		0,0310
<b>Object side N.A.</b>		0,0068
<b>Mount</b>		C or F
<b>Length</b>	<b>(mm)</b>	396,2
<b>External diameter</b>	<b>(mm)</b>	116,0
<b>Weight</b>	<b>(g)</b>	2000

## ACCESSORIES AND OPTIONS:



**Collimated/Telecentric illumination:**  
compatible with LTCL80 illuminator;  
green light suggested.



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



**Back Light illumination:**  
Compatible with LTBK64 and LTBK80  
illuminators.



**Clamping Mechanics:**  
compatible with CMH080.



**Direct illumination:**  
not available.



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

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

