

# TC 4M 16

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



Part Number	TC 4M 16 (/C /F)	
<b>Magnification</b>		1,056 +/- 3%
<b>Field Of View</b>	<b>(mm)</b>	
with IBIS4-6600		9,9 x 7,3
with KAI2020		11,2 x 8,4
with KAI 2093		13,5 x 7,6
with MI-MV40		15,6 x 11,5
with KAI4011/4021		14,4 x 14,4
<b>Working Distance</b>	<b>(mm)</b>	45,3 +/- 1
<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>	1,0
<b>CTF @50 lp/mm</b>	<b>(%)</b>	> 30
<b>Image side N.A.</b>		0,0310
<b>Object side N.A.</b>		0,0330
<b>Mount</b>		C or F
<b>Length</b>	<b>(mm)</b>	217,7
<b>External diameter</b>	<b>(mm)</b>	37,7
<b>Weight</b>	<b>(g)</b>	700

## ACCESSORIES AND OPTIONS:



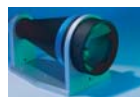
**Collimated/Telecentric illumination:**  
compatible with LTCL16 illuminator;  
green light suggested.



**Coaxial illumination:**  
not available.



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



**Clamping Mechanics:**  
compatible with CMH016.



**Direct illumination:**  
compatible with LTRN36 diffusive  
anular illuminators.



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

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

