

# TC 4M 48

## BI-TELECENTRIC LENS FOR 4MPiX (22MM DIAGONAL) DETECTORS



<b>Model:</b>	<b>TC 4M 48 /C (/F)</b>
<b>Magnification (X):</b>	0,368 +/- 3%
<b>Object Field (mm):</b>	<i>Cypress IBIS4-6600:</i> 28,6 x 21,0 <i>Kodak KAI 2020:</i> 32,2 x 24,2 <i>Kodak KAI 2093:</i> 38,7 x 21,7 <i>MICRON MI-MV40:</i> 44,8 x 32,9 <i>Kodak KAI4011/4021:</i> 41,2 = 41,2
<b>Working Distance (mm):</b>	134,6 +/- 4
<b>Working F-number:</b>	16
<b>MTF @50 lp/mm (%):</b>	> 30 (*)
<b>Field Depth (mm):</b>	7,0 @ F/ 16
<b>Telecentricity (degree):</b>	< 0,1
<b>Distortion (%):</b>	< 0,1
<b>Mount:</b>	C (/C) or F (/F)
<b>Length (mm):</b>	306,0
<b>Maximum external diameter (mm):</b>	75,0
<b>Weigh (g):</b>	1150

(\*) Green or Red LED or pseudo monochromatic light highly recommended for optical specification improvement

### ACCESSORIES AND OPTIONS:



**Collimated/Telecentric illumination:**  
compatible with LTCL48 illuminator;  
green light suggested.



**Coaxial illumination:**  
compatible with LTCX36 illuminator.



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



**Clamping Mechanics:**  
compatible with Teleclamp48.



**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.

