

# TC 2M 80

## BI-TELECENTRIC LENS FOR 1" (16MM DIAGONAL) DETECTORS



<b>Model:</b>	<b>TC 2M 80 /C (/F)</b>
<b>Magnification (X):</b>	0,161 +/- 3%
<b>Object Field (mm):</b>	<i>Cypress IBIS4-6600:</i> 65,4 x 48,1 <i>Kodak KAI 2020:</i> 73,7 x 55,3 <i>Kodak KAI 2093:</i> 88,5 x 49,8
<b>Working Distance (mm):</b>	227,7 +/- 7
<b>Working F-number:</b>	16
<b>MTF @50 lp/mm (%):</b>	> 30 (*)
<b>Field Depth (mm):</b>	45,0 @ 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>	376,6
<b>Maximum external diameter (mm):</b>	116,0
<b>Weigh (g):</b>	1960

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

### 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 illuminator.



**Clamping Mechanics:**  
compatible with Teleclamp80.



**Direct illumination:**  
not available.



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

