

TC 2M 48

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



Model:	TC 2M 48 /C (/F)
Magnification (X):	0,268 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 39,2 x 28,9 <i>Kodak KAI 2020:</i> 44,2 x 33,2 <i>Kodak KAI 2093:</i> 53,1 x 29,9
Working Distance (mm):	134,6 +/- 4
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	12,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	286,5
Maximum external diameter (mm):	75,0
Weigh (g):	1100

(*) 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.

