



**TC 12 16**

# 0,385x Bi-Telecentric lens for detectors up to 1/2"



part number		TC 12 16
<b>Magnification</b>		0,385 +/- 3%
<b>Field Of View</b>	(mm x mm)	
with 1/4" (3,6 x 2,7) detector		9,4 x 7,0
with 1/3" (4,8 x 3,6) detector		12,5 x 9,4
with 1/2" (6,4 x 4,8) detector		16,6 x 12,5
with 1/1.8" (7,13 x 5,37) detector		18,5 x 14,0
with 2/3" (8,8 x 6,6) detector		diam. = 17,2
<b>Working Distance</b>	(mm)	45,3 +/- 1
<b>Working F-number</b>		8
<b>Telecentricity</b>	(degree)	< 0,1
<b>Distortion</b>	(%)	< 0,08
<b>Field Depth</b>	(mm)	5,0
<b>CTF @70 lp/mm</b>	(%)	> 40
<b>Image side N.A.</b>		0,0620
<b>Object side N.A.</b>		0,0240
<b>Mount</b>		C
<b>Length</b>	(mm)	93,0
<b>External diameter</b>	(mm)	37,7
<b>Weight</b>	(g)	260

Possible vignetting at the image corners with 1/1.8" detectors

**ACCESSORIES AND OPTIONS:**



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



**Clamping Mechanics:**  
Compatible with CMH016.

