



XF-PTL05523-C-VI

Specification

Optical structure	Bi-Telecentric
Magnification	0.422
Object field of view	$\Phi 54.5\text{mm}$
Image field of view	$\Phi 23\text{mm}$
Working Distance	$138\text{mm} \pm 3\%$
Telecentricity	$< 0.04^\circ (0.08^\circ)$
Depth of field	$4.0\text{-}28.0\text{mm}$
F#	F6.5-F45
Resolution	$10.20\text{-}70.23\mu\text{m}$
MTF	$> 0.3 @ 160\text{-}23\text{lp/mm}$
Distortion	$< 0.026\% (0.075\%)$
Detector type:	
4/3'	18×13.5 $42.7 \times 32.0\text{mm}$
1.1'	14.2×10.4 $33.6 \times 24.6\text{mm}$
1'	12.8×9.6 $30.3 \times 22.7\text{mm}$
2/3'	8.45×7.07 $20.0 \times 16.8\text{mm}$
2K Linear scan	$2048 \times 10\mu\text{m}$ 48.5mm