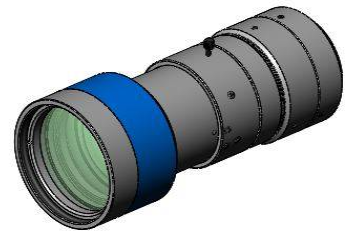


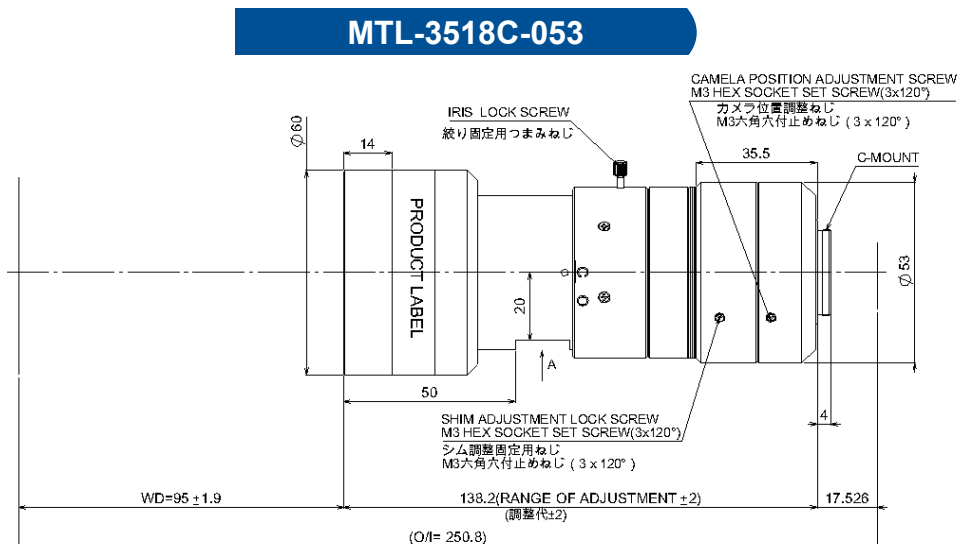
# MTL-3518C-053

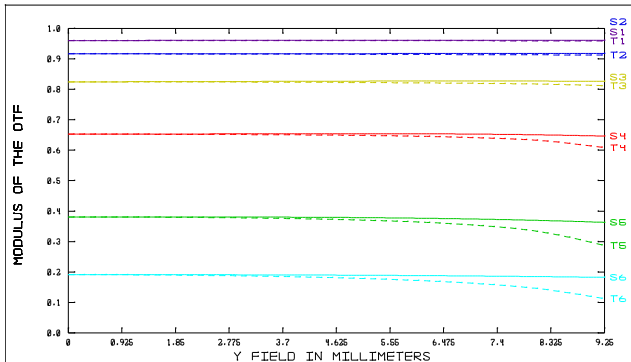
## Bi telecentric lens MTL series



Drawing No. A22564

レンズ形式	Lens Type	Fixed Magnification Bi Telecentric Lens
光学倍率	Magnification	0.53
焦点距離 (mm)	Focal Length	2,181.28
有効Fno	Effective Fno	8.01
NA	Numerical Aperture	0.033
WD/OD (mm)	Working/Object Distance	95.0/100.7
O/I (mm)	Object to Image Distance	250.77
鏡筒長 (mm)	Mechanical Tube Length	138.25
レンズバック (mm)	Lens Back	25.90
被写界深度 (mm)	DOF @PCoC $\phi$ 0.04mm	2.306
分解能 ( $\mu$ m)	Resolution @ $\lambda$ =520nm	9.6
前側/後側主点位置 (mm)	Front/Rear Principal Position	6,219.23/-3,305.14
入射/出射瞳位置 (mm)	Entrance/Exit Pupil Position	7,217.18/-2,620.45
入射/出射瞳径 (mm)	Entrance/Exit Pupil Diameter	481.43/330.31
テレセントリシティ (deg.)	Telecentricity	0.049
光学ディストーション (%)	Optical Distortion	-0.032
周辺光量比 (%)	Relative Illumination	98.37
質量 (g)	Weight	510.0
マウント	Mount	C Mount
イメージサークル径 (mm)	Image Circle	$\phi$ 18.5





MTF VS. FIELD

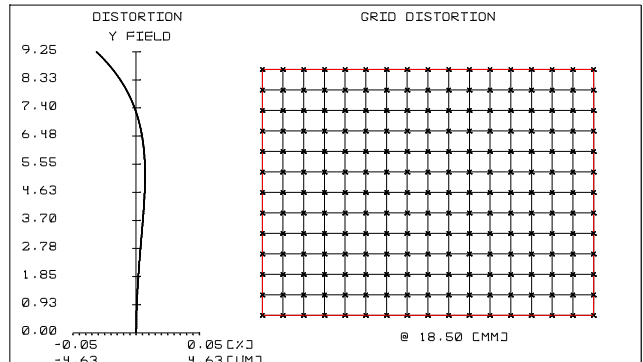
MTL-3518C-053

DATA FOR 0.4358 TO 0.6563  $\mu$ m.

FREQ 1: 6.25 CYC/MM      FREQ 4: 50.00 CYC/MM  
 FREQ 2: 12.50 CYC/MM    FREQ 5: 100.00 CYC/MM  
 FREQ 3: 25.00 CYC/MM    FREQ 6: 150.00 CYC/MM

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MTL-3518C-053.ZMX



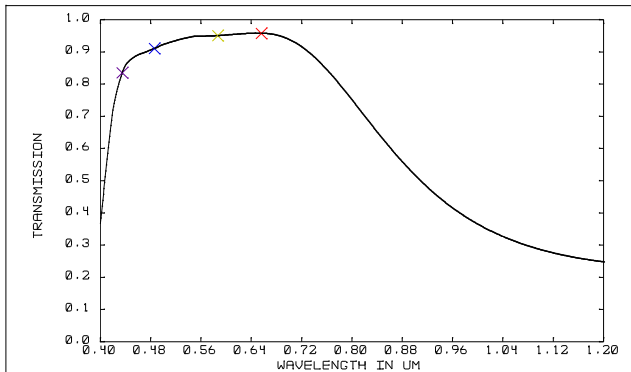
DISTORTION DIAGRAM

MTL-3518C-053

WAVELENGTH: 0.520  $\mu$ m

MORITEX CONFIDENTIAL

MTL-3518C-053.ZMX



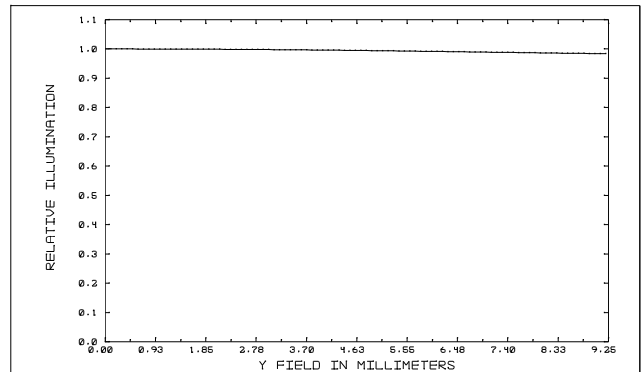
TRANSMISSION VS. WAVELENGTH

MTL-3518C-053

X0.436 T=83.543 [%]  
 X0.486 T=91.042 [%]  
 X0.587 T=95.025 [%]  
 X0.656 T=95.768 [%]

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RELATIVE ILLUMINATION

MTL-3518C-053

WAVELENGTH=0.52000  $\mu$ m

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MTL-3518C-053.ZMX

内容は、通知なしに随時変更されることがあります。

The content is subject to change at any time without notification.