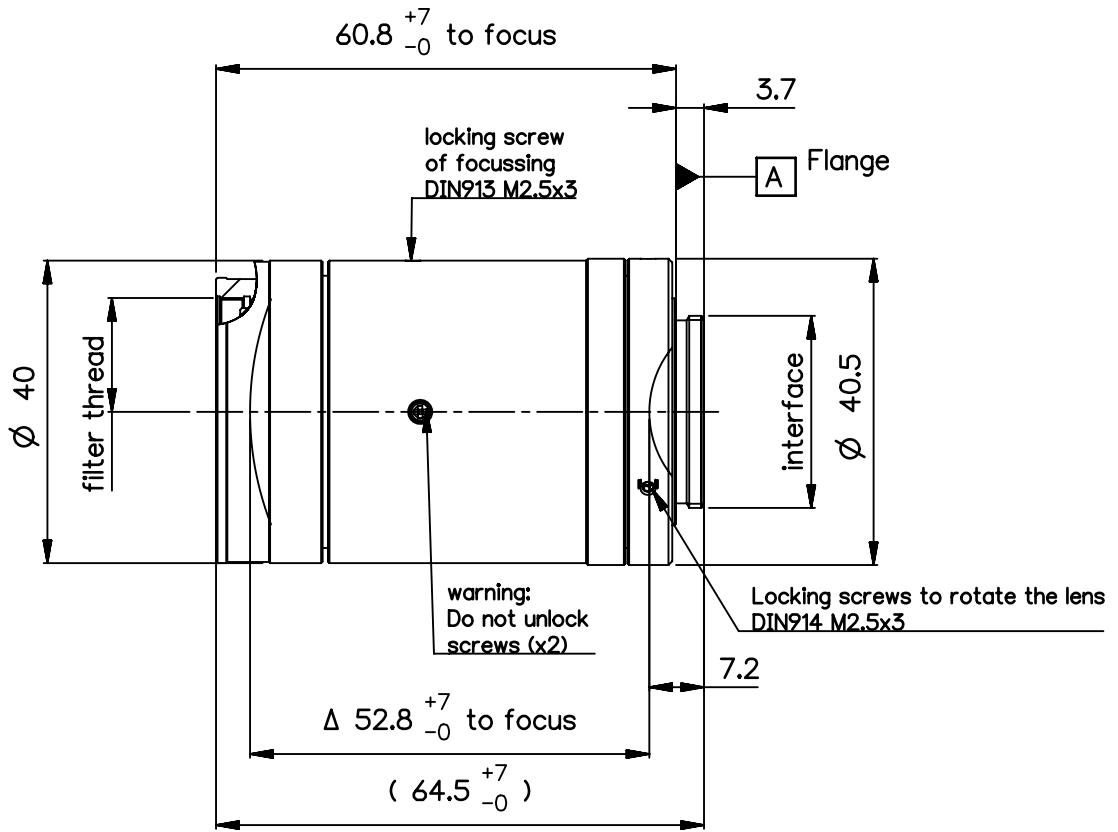


order number	lens name	f-stop
0020-010-000-20	MeVis-CF 1.8/50	1.8
0020-010-000-21	MeVis-CF 2.8/50	2.8
0020-010-000-22	MeVis-CF 4.0/50	4.0

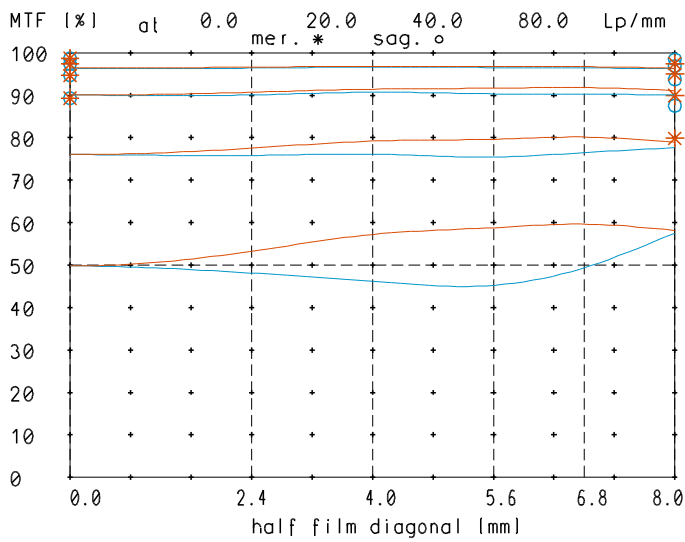


<b>Specification</b>		ON	5801-9021	
image circle max. (mm)	16	working distance (mm)	670 ... ∞	
focal length f' (mm) *	50.6	interface	C-mount (1-32 UN 2A)	
magnification β' [range]	-0.05 [-0.075 ... 0]	filter thread	M35.5 x0.5	
spectral range λ (nm)	450 - 950	weight (g)	190	
schematic diagram		design includes CCD cover glass: yes 1mm K7		
*) in air		SF (mm)	-20.5	f-stop
		S'F' (mm) *	18.5	∅ EnP
		HH' (mm) *	-5.5	∅ Exp
		SH (mm)	30.5	
		S'H' (mm) *	-32.4	
		SEnP (mm)	40.5	
		S'Exp (mm) *	-24.0	

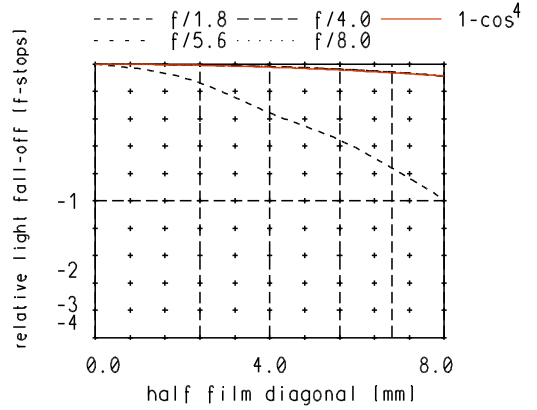
<b>NX</b> PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	EU-D	AL-T1A	US-D	US-ML	not export controlled
	REV	ECC	DATE	APPROVED	PDM Status Freigabe
	a	Neuausg			-
	b	12-0001	23.01.12	Kuehne	SCALE 1:1
	c	12-0001	10.02.12	Kuehne	MATERIAL
d	12-0185	29.03.12	Schuber	BASIC TOLERANCING PRINCIPLE	TITLE
e	14-0184	31.07.14	Schiffel		<b>MeVis-CF 1.8/50</b>
			FIRST ISSUE	DATE	NAME
			06.09.11	06.09.11	Kuehne
			CHKD	06.09.11	Ulmer
<b>DIN A 4</b>	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT				
				DRAWING NO.	SHEET 1 OF 1
				<b>0020-010-100-00-0001e</b>	
				REPLACES	

# Mev is-C\_50mm

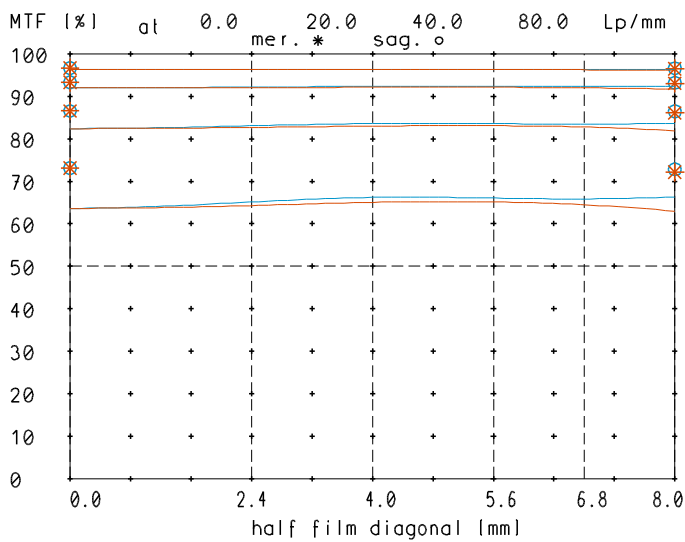
MTF at ratio -0.05 f/ 1.6



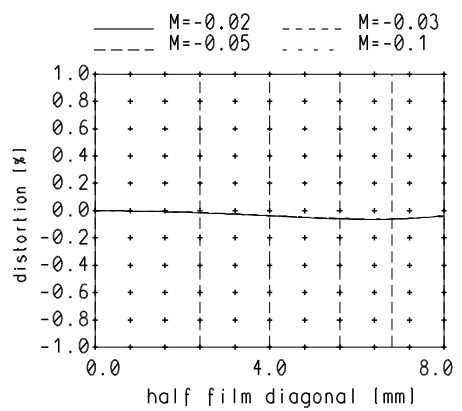
relative light fall-off at ratio -0.05



MTF at ratio -0.05 f/ 4.0

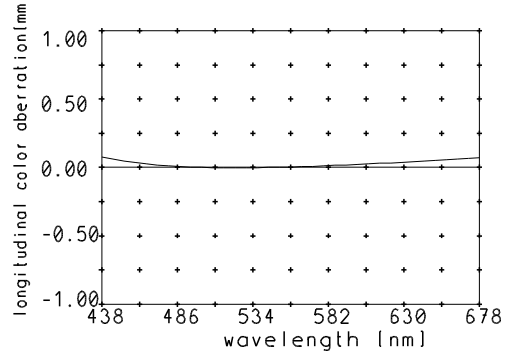


Distortion at ratio -0.02 to -0.1



— sagittal, o Diffraction limited value  
 — meridional\* Diffraction limited value

Longitudinal color aberration at ratio -0.05



Named frequencies (line pairs/mm) in modular transfer function (MTF) as well as diagrams of relative light fall-off, distortion and longitudinal color aberration refer to film plane.