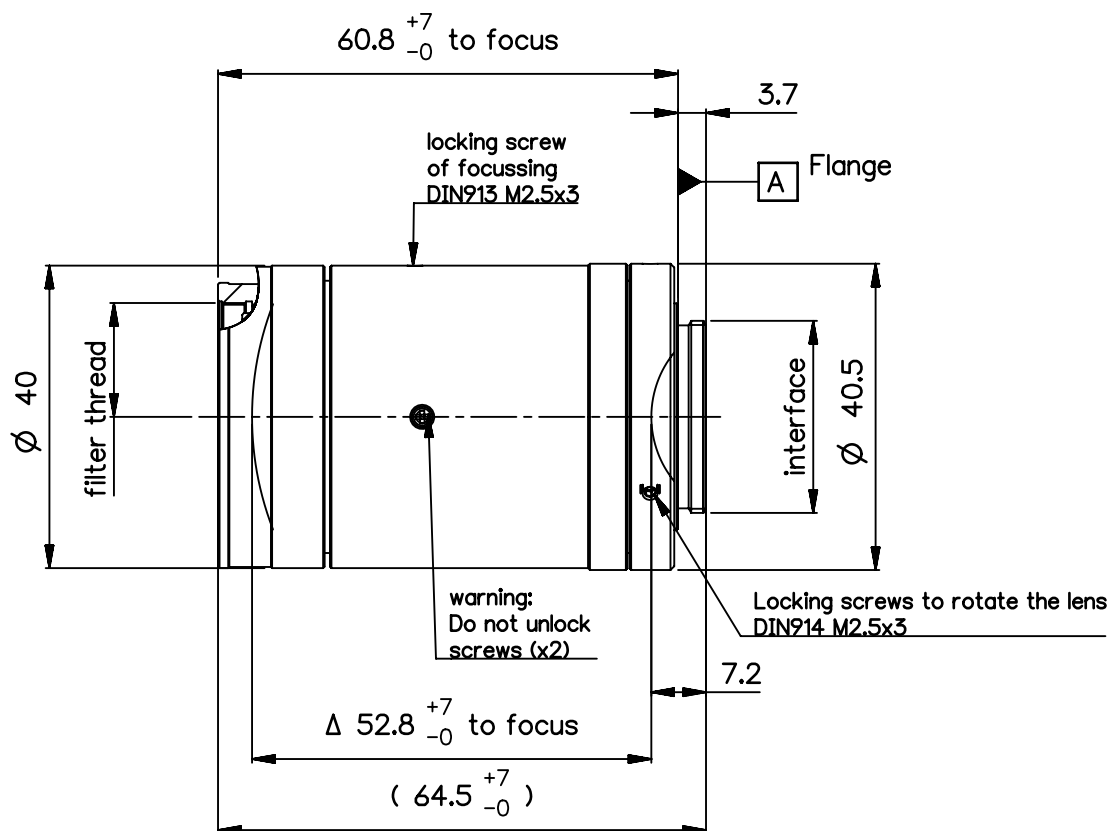
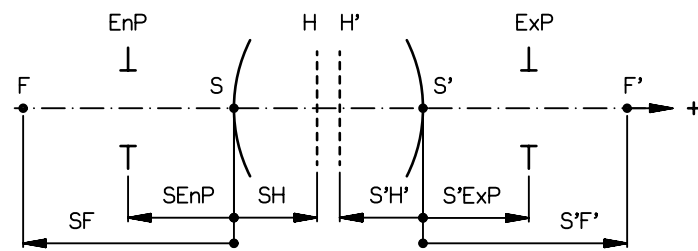
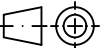


order number	lens name	f-stop
0020-010-000-20	MeVis-CF 1.8/50	1.8
0020-010-000-21	MeVis-CF 2.8/50	2.8
0020-010-000-22	MeVis-CF 4.0/50	4.0



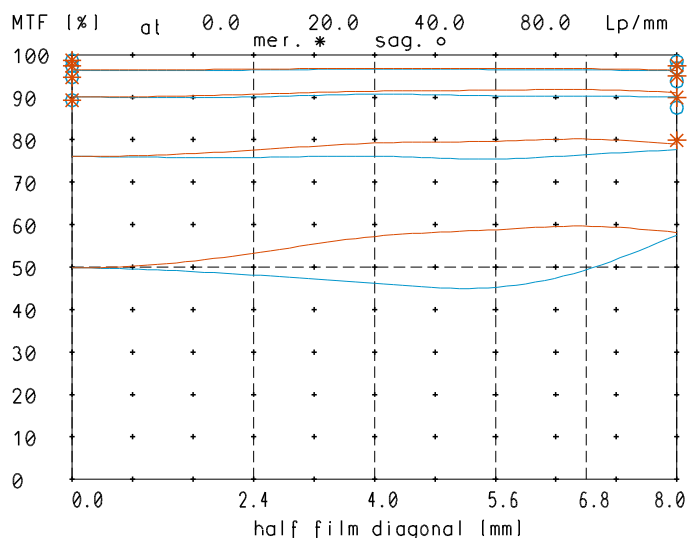
Specification		ON	5801-9021			
image circle max. (mm)	16	working distance (mm)	670 ... ∞			
focal length f' (mm) *)	50.6	interface	C-mount (1-32 UN 2A)			
magnification β' [range]	-0.05 [-0.075 ... 0]	filter thread	M35.5 x0.5			
spectral range λ (nm)	450 - 950	weight (g)	190			
schematic diagram *) in air 		design includes CCD cover glass:		yes 1mm K7		
		SF (mm)	-20.5	f-stop	Ø EnP	Ø ExP
		S'F' (mm) *)	18.5	1.8	27.1	22.6
		HH' (mm) *)	-5.5	2.8	19.6	15.3
		SH (mm)	30.5	4	12.9	10.7
		S'H' (mm) *)	-32.4			
		SEnP (mm)	40.5			
		S'ExP (mm) *)	-24.0			

NX	EU-D		AL-T1A		US-D			US-ML		not export controlled		
								PDM Status Freigabe		-		
PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED	REV	ECC	DATE	APPROVED	GENERAL TOLERANCE OF DIMENSION, FORM, POS.		SURF. TREATMT		SCALE 1:1			
	a	Neuausg							MATERIAL			
	b	12-0001	23.01.12	Kuehne								
	c	12-0001	10.02.12	Kuehne								
	d	12-0185	29.03.12	Schuber	BASIC TOLERANCING PRINCIPLE		TITLE MeVis-CF 1.8/50					
	e	14-0184	31.07.14	Schiffe								
					FIRST	DATE						NAME
					ISSUE	06.09.11						Kuehne
					CHKD	06.09.11						Ulmer
							DRAWING NO.				SHEET OF	
				0020-010-100-00-0001e								
				REPLACES								

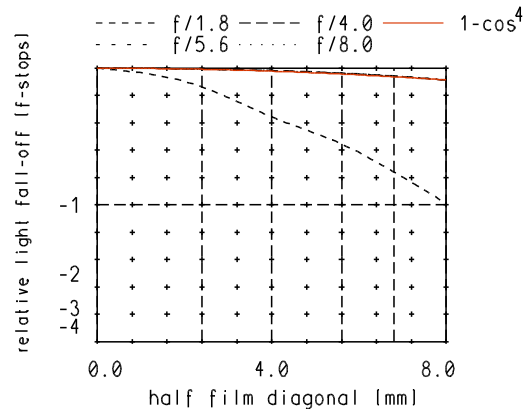
DIN A 4	ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT	
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Mev is-C_50mm

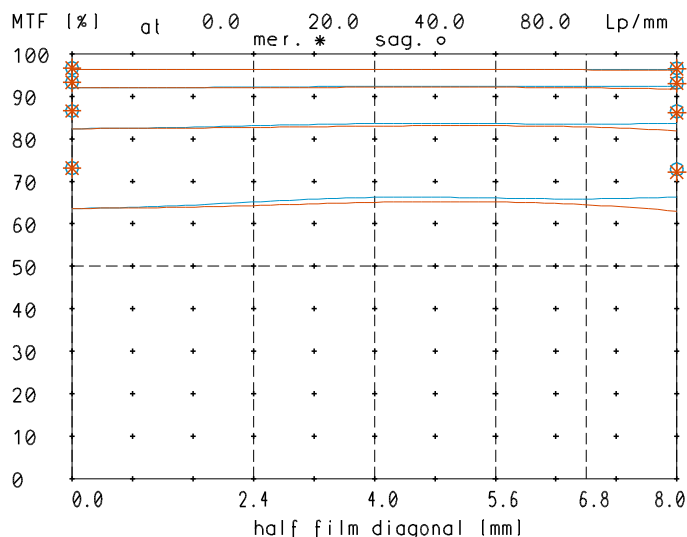
MTF at ratio -0.05 f/ 1.6



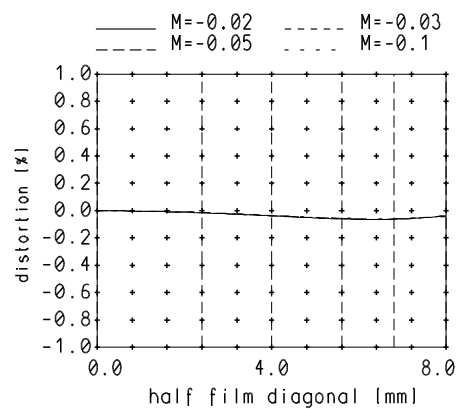
relative light fall-off
at ratio -0.05



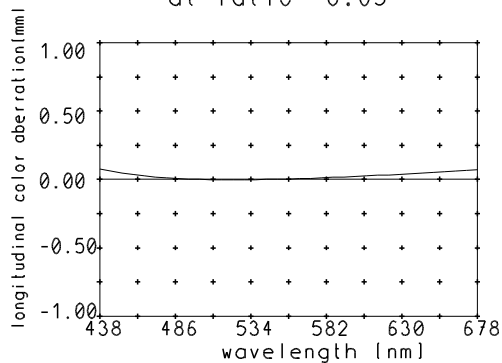
MTF at ratio -0.05 f/ 4.0



Distortion at ratio -0.02 to -0.1



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.

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