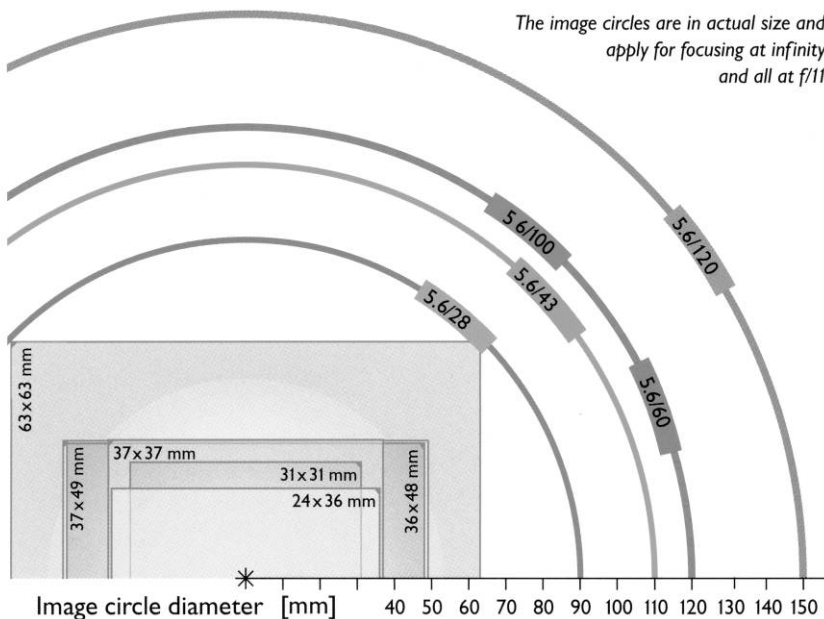


Optical and mechanical dimensions	Rel. aperture / focal length [mm]	Optical design [lens elements/groups]	Effective focal length $\pm 1\%$ [mm]	Nodal point separation [mm]	Front-side screw-in thread for filters and other accessories	Max. diameter of the front mount [mm]	Max. diameter of the rear mount [mm]	Total overall height [mm]	Shutter diameter [mm] without cable	Flange surface to rear edge of mount [mm]	Thread of the shutter for assembling on the lens plate	Flange focal distance aperture [mm] for the given distance or scale	Smallest diaphragm aperture	Shutter type and shutter size (different shutters on request)	Weight with shutter indicated [grams]	Order number of the lens including shutter
STANDARD-LENSES				HH'	Thread ₁	d ₁	d ₂	h ₁	d ₃	h ₂	Thread ₂	s' _{A∞}				
Super-Digitar	5.6/28 XL	8/4	29.18	27.16	M 112.5 x 1.5	116	45	68.4	89.7 92.0	20.5 20.8	M 32.5 x 0.5 M 32.5 x 0.5	35.2 35.5	22 22	Copal 0 Schneider Electr. 0	899 965	1064996 1064998
Apo-Digitar	5.6/43 XL	8/4	44.65	18.83	M 58 x 0.75	63	52	54	89.7 92.0	21.9 22.2	M 32.5 x 0.5 M 32.5 x 0.5	48.9 49.2	32 32	Copal 0 Schneider Electr. 0	350 430	1064041 1064042
Apo-Digitar	5.6/60 XL	8/4	60.03	25.34	M 62 x 0.75	65	52	68.6	89.7 92.0	29.3 31.5	M 32.5 x 0.5 M 32.5 x 0.5	67.3 67.6	32 32	Copal 0 Schneider Electr. 0	400 470	1066463 1066464
Apo-Digitar	5.6/100 asph.	6/4	99.98	-1.85	M 40.5 x 0.5	42	31	34.4	89.7 92.0	12.9 13.2	M 32.5 x 0.5 M 32.5 x 0.5	95.4 95.7	45 45	Copal 0 Schneider Electr. 0	290 357	1071757 1071759
Apo-Digitar	5.6/120 asph.	6/4	125.01	-1.62	M 46 x 0.75	48	37.5	42.3	89.7 92.0	16.1 16.4	M 32.5 x 0.5 M 32.5 x 0.5	119.7 120.0	64 64	Copal 0 Schneider Electr. 0	291 358	1067556 1067557

Angle of view, image circles, range of lens displacements	Rel. aperture / focal length [mm]	Recommended centerfilter type	Recommended aperture range	Angle of view at full aperture [degrees]	Image circle diameter [mm] at full aperture	Angle of view at f/11 [degrees]	Image circle diameter [mm] at f/11	Maximum lens displacement at f/11 and landscape format (for portrait format swap the dots) focusing at infinity (standard lenses) or at scale 1:1 (macro lenses)											
STANDARD-LENSES								vertical [mm]	horizontal [mm]	vertical [mm]	horizontal [mm]	vertical [mm]	horizontal [mm]	vertical [mm]	horizontal [mm]	vertical [mm]	horizontal [mm]		
Super-Digitar	5.6/28 XL	IvD	5.6-11	115°	90	115°	90	24 x 36 mm	31 x 31 mm	29 → 24	27 → 27	23 → 23	23 → 23	20 → 17	17 → 17	19 → 17	17 → 17		
Apo-Digitar	5.6/43 XL	Ili	5.6-11	90°	90	102°	110	40 → 36	36 → 36	40 → 36	37 → 37	33 → 33	33 → 33	32 → 28	28 → 28	30 → 27	27 → 27		
Apo-Digitar	5.6/60 XL	IliH	5.6-11	90°	120	90°	120	45 → 41	41 → 41	45 → 41	43 → 43	39 → 39	39 → 39	37 → 33	33 → 33	36 → 33	33 → 33		
Apo-Digitar	5.6/100 asph.		5.6-11	60°	100	60°	120	50 → 45	45 → 45	50 → 45	47 → 47	43 → 43	43 → 43	41 → 37	37 → 37	41 → 37	37 → 37		
Apo-Digitar	5.6/120 asph.		5.6-11	60°	150	60°	150	61 → 56	56 → 56	61 → 56	58 → 58	54 → 54	54 → 54	53 → 49	49 → 49	52 → 48	48 → 48		



Centerfilters for Digital lenses	Rel. aperture / focal length [mm]	Centerfilter identification	Exposure correction as filter factor / in f-stops	Centerfilter thread (to be mounted at lens)	Front-side screw-in thread (for an additional filter)	Order number of the centerfilter
Super-Digitar 5.6/28 XL	IvD	4x/2	M86 x 0.75	M86 x 0.75		1069159
Apo-Digitar 5.6/43 XL	Ili	3x/1.5	M58 x 0.75 M72 x 0.75	M58 x 0.75 M72 x 0.75		1069162
Apo-Digitar 5.6/60 XL	IliH	3x/1.5	M62 x 0.75 M72 x 0.75	M62 x 0.75 M72 x 0.75		1069161