

## Low power diopters for use in anamorphic video

by Tim Linssen

**Note: only diopters with strength  $\leq +2$  included**

For more extensive lists including stronger diopters and background info, see

[http://technoclopedia-canon-eos.com/frames/lens\\_accessories\\_conversion\\_macro.htm](http://technoclopedia-canon-eos.com/frames/lens_accessories_conversion_macro.htm)

<http://www.ki.tng.de/~sgude/achromats.html>

<http://www.angelfire.com/ca/erker/closeups.htm>

<http://fuzzcraft.com/achromats.html>

<http://www.eoshd.com/comments/topic/2570-the-diopter-thread/>

Brand	Type	Size (mm)	Strength	Achromat	Marking on lens	Notes
Angenieux		72	1	No (?)	"no.1 10x12 10x15"	For 12-120mm & 10-150mm lens, other variants exist
Angenieux		72	2	No (?)	"no.2 10x12 10x15"	For 12-120mm & 10-150mm lens, other variants exist
Angenieux		Ser. VIII	1	No (?)	"no.1 2x45"	For 45-90mm lens, other variants exist
Asahi (Pentax)	Attachment lens	58	0.25 ?	?	"attachment lens 1:4.5/85~210mm"	For Super-Multi-Coated (S-M-C) Takumar-Zoom 85-210mm F4.5
Asahi (Pentax)	Attachment lens	67	0.33	?	"attachment lens"	For Super Takumar Zoom 70-150mm F4.5
Asahi (Pentax)	Attachment lens	95	0.25 ?	?	"attachment lens 1:6.7/135~600mm"	For Super-Multi-Coated (S-M-C) Takumar Zoom 135-600mm F6.7, 230 grams!
B+W	NL 1	37 to 77	1	?	?	
B+W	NL 2	37 to 77	2	?	?	
B+W	NL 0.25	37 to 77	0.25	?	?	
B+W	NL 0.5	37 to 77	0.5	?	?	
Canon	Close Up Lens 2100	72	0.44	?	"close up lens 72mm 2100"	For Canon Scoopic 16mm camera
Canon	Close Up Lens 1100	72	0.78	?	"close up lens 72mm 1100"	For Canon Scoopic 16mm camera
Canon	82CL-UP1300H	82	0.75	?	"close up lens 82CL-UP1300H"	
Canon	105CL-UP900H	105	1.1	?	"close up lens 105CL-UP900H"	
Canon	105CL-UP800HD	105	1.25	?	"close up lens 105CL-UP800HD"	
Canon	500D	52 / 58 / 72 / 77	2	Yes	"close up lens 500 d"	
Canon	500T	58	2	Yes	"close up lens 500 t"	
Canon	82CL-UP800H	82	1.25	?	"close up lens 82CL-UP800H"	
Century Optics	Achromatic Diopter	86	1.6	Yes	"century achromatic diopter"	
Century Optics	Achromatic Diopter	58 / 72 / 86	2	Yes	"century achromatic diopter"	
Fujinon	CL 16086	86	0.6	?	"fujinon close-up lens cl 16086"	Other sizes and strengths probably available
Fujinon	ECL-80xx (xx for size)	52 / 72 / 77 / 82 / 95	1.25	?	"fujinon close-up lens ecl 80xx"	
Fujinon	HCL-H80xxSC (xx for size)	82 / 95 / 107	1.25	?	"fujinon close-up lens hcl-h80xx"	
Fujinon	HCL-H50xx (xx for size)	85 / 100 / 110	2	?	"fujinon close-up lens hcl-h50xx"	
Fujinon	CL 110110	110	0.9	?	"fujinon close-up lens cl 110110"	Other sizes and strengths probably available
Heliopan	NL 1 6001	27 to 86	1	No	?	
Heliopan	NL 2 6002	27 to 86	2	No	?	
Heliopan	NL 2 6602	27 to 86	2	Yes	?	
Isorama		72	0.5	Yes	?	
Kenko	MC Close up lens no.05	72	0.5	No	"mc close up no.05"	
Kenko	?	105	0.3	No	?	Can be used on Panasonic LA7200

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Kenko	MC Close up lens no.1	40.5 to 82	1	No	"mc close up no.1"	
Kenko	MC Close up lens no.2	40.5 to 82	2	No	"mc close up no. 2"	
Kenko	AC No. 2	49 to 77	2	Yes	"ac close up no. 2"	
Kenko	AC No. 0	52 / 55 / 62	0.92	Yes	"ac close up no. 0"	
Kodak	TII/60	60	0.25	No	"kodak TII/60"	
Konica	AR no.1	55	2	Yes	"attachment lens AR no.1"	
Leica	Elpro type 4	55	0.75	Yes	"elpro 4"	
Leica	Elpro type 3	55	1.66	Yes	"elpro 3"	
Leica	Elpro type VIIb	54 (Ser. VII)	0.75	Yes	"elpro VIIb"	
Leica	Elpro type VIIa	54 (Ser. VII)	1.66	Yes	"elpro VIIa"	
LOMO	Foton-A	Square frame	1 / 1.25	?	?	For Foton zoom (Russina anamorphic 'squarefront'). Ideal fit for Panasonic LA7200
Minolta		72	0.33	Yes	"close-up lens for md 100-500 mm f8"	For MD 100-500mm F8
Minolta	No. 1	49 / 52 / 55	2	Yes	"close-up lens no. 1"	
Minolta	No. 0	49 / 52 / 55	0.94	Yes	"close-up lens no. 0"	
Nikon	No. 0	52	0.7	No	"nikon close-up no.0"	
Nikon	No. 1	52	1.5	No	"nikon close-up no.1"	
Nikon	No. 3T	52	1.5	Yes	"nikon close-up no.3t"	
Nikon	No. 5T	62	1.5	Yes	"nikon close-up no.5t"	
Nikon		67	?	?	"close up lens for nikkor 200mm"	For 200mm F4 Nikkor-P
Nikon		82, Ser. IX	0.19	No	No markings, but striking orange line along the side	For 85-250mm F4 & 200-600mm F9.5, comes in threaded 82mm variant, and unthreaded Series IX
Panasonic	DMW-LC55	55	2	Yes	"lumix close up lens"	
Pentax	S56	58	1.8	Yes	"smc close-up lens s56"	
Pentax	Attachment lens	67	0.25 ?	?	"attachment lens 1:3.5/85~210mm"	For SMC Pentax Zoom 85-210mm F3.5
Pentax	T226	67	0.44	Yes	"smc close-up lens t226"	
Pentax	T132	67	0.76	Yes	"smc close-up lens t132"	
Pentax	S82	67	1.22	Yes	"smc close-up lens s82"	
Pentax	Attachment lens	95	0.25 ?	?	"attachment lens 1:6.7/135~600mm"	For SMC Pentax Zoom 135-600mm F6.7, 230 grams!
Pentax	T160	49 / 52	0.63	?	"smc close-up lens t160"	For SMC Pentax 200mm F4
Pentax	T80	49 / 52	1.25	?	"smc close-up lens t80"	For SMC Pentax 85mm F2
Pentax	T183	52 / 58	0.55	?	"smc close-up lens t183"	For SMC Pentax 200mm F4
Pentax	T95	52 / 58	1.05	?	"smc close-up lens t95"	For SMC Pentax 135mm F3.5

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Raynox	DCR-5320PRO	72	2	Yes	None	Comes combined with +3 lens, can be combined for +5 diopter
Sigma	AML72-01	72	1.74	Yes	"achromatic macro lens"	For 18-300mm F3.5-6.3
Sigma	Achromatic Macro Lens	43 / 52 / 58 / 62 / 72	1.6	Yes	"achromatic macro lens"	For 70-210mm F3.5-4.5, 80-200 F3.5-4, 120-300mm F5.6-6.7, 28-200mm F3.5-5.6, 28-300mm F3.5-6.3 (among others)
SLR Magic	Achromatic Diopter	77	0.33	Yes	"slr magic 77 mc achromatic diopter +0.33"	
SLR Magic	Achromatic Diopter	77	1.33	Yes	"slr magic 77 mc achromatic diopter +1.33"	
Tamron		72	0.5	No	"close up adaptor lens for 28-200"	For 28-200mm F3.8-5.6, most often bayonet (A9B): remove glass and place in threaded 72mm filter ring. Also a threaded version (A9F)
Tiffen	?	37 to 138	1	No	?	These also exist in 4.5" size.
Tiffen	?	37 to 138	2	No	?	These also exist in 4.5" size.
Tiffen	?	37 to 138	0.5	No	?	These also exist in 4.5" size.
Tokina		72	0.4	Yes	"tokina at-x mc close-up 72mm"	For 80-400mm f/4.5-5.6 (AT-X 840 AF D), <b>the legend...</b>
Tokina	?	72	0.5	No	"tokina mc .05 close-up 72mm"	Also available under 'Kenko' brand, often cheaper than
Tokina	353CUP	72	0.5	No	?	For 35-300mm f/4.5-6.7 (353 AF)
Zenit	?	77	0.75	No	?	