

Lens\$db: Lens Price database

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v.33 .2017-06-01

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See **Lens\$db.docx** for who, when, where, why, and how; this database tells you what and how much.

Index of Spreadsheets

i	this information sheet
EFp	Canon EF prime lenses & extenders
EFz	Canon EF L series zoom lenses, plus a few others
EF-S, -M	Canon EF-S and EF-M lenses (selected) for APS-C cameras
STT	Sigma, Tamron and Tokina
CZ.V	Carl Zeiss ZE, C/Y, N, and Jena; Voigtlander, Schneider, and etc.
LNOP	Leica-R, Nikon AI/S, Olympus, Pentax, Samyang, Fiji Photo, Rokinon/Samyang, and etc.
M645	Mamiya 645 medium format lenses, plus a few more
X.rf	Fujifilm X mount and Rangefinder (limited selection of LM, LTM)
compare	unprotected page for "=" relationships with previous pages, for easy comparison of items.

Notation - Spreadsheet Columns

f	focal length (mm)
f/	maximum aperture (lens wide open), $f/ = a.max =$ minimum F-stop number (e.g. $f/1.4$)
f(1.6x)	equivalent focal length (mm) on a x1.6 crop factor body, e.g, Canon SL1, T5i, 70D, 7D II, etc.
mt	EF is Canon AF, others are various manual focus mounts
Dmin	minimum focus distance (m)
wt	weight of lens (kg), not including caps
L	minimum length of lens (mm), usually at infinity focus
D	maximum diameter of lens (mm)
Df	filter diameter (mm), rg = rear gel, bi = built in, di = drop in
E to E+	price category for "Excellent" condition items
M- to N	price category for "near Mint" to "New" condition items

All spreadsheet pages except for "compare" are 'protected' so that they can't be modified, but you can select an entire page and paste it to a new spreadsheet of your own without protection.

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Notes

- [1] dedicated macro lens, does not focus to infinity
- [2] filter attaches to hood

Data sources:

Canon lens specs are from Canon's Canada and US web sites for current and some recent products.

additional information was taken from a variety of places, including:

Canon: Tan Chung, www.tanchung.com/canon/canonlensesmain.htm

Canon: Reptile Garden Photography, www.rgarden.glandrake.com/index.html

Canon: Eric's Photos http://canid.com/canon_ef_lenses.html

Canon rangefinder lenses <http://www.huffman.tk/id25.html>

Canon rangefinder lenses http://www.taunusreiter.de/Cameras/Canon_RF_2e.html

Contax Carl Zeiss www.zeiss.de and <http://www.contaxusa.com/lenses.asp?itemnum=132000>

Contax etc. Leonard Foo, Photography in Malaysia <http://mir.com.my/rb/photography/>

Leica R: ApoTelyt, <http://www.apotelyt.com/photo-lens/leica-r-lenses>

Leica R: CameraQuest <http://www.cameraquest.com>, Erwin Puts

Nikon Lens Specifications by Roland Vink <http://home19.inet.tele.dk/ne/nikon.htm>

Olympus: The Unofficial Olympus Sales Information File, <http://vanveluwen.nl/eSIF/>

Pentax K: Boz Dimitriov Pentax K-Mount site <http://www.bdimitrov.de/kmp/>

Pentax Takumar M42: Ashai Optical Historical Society, www.aohc.it

Voigtlander SL, LTM, LM: CameraQuest <http://cameraquest.com/inventor.htm>

Pentacon Six, Sch-K lenses, TRA <http://www.pentaconsix.com/Schneiderdata.htm>

Pentax Forums <http://www.pentaxforums.com/lensreviews/> (645)

Jena etc. AllPhotoLenses, http://allphotolenses.com/lenses/item/c_921.html

0.76 convert \$ CA to \$ US [excel variable CA.US]

f (mm)	f.Zone © J Colwell 2011
10 - 20	Ultra-Wide (UW)
20 - 28	Very Wide (VW)
28 - 40	Wide (W)
40 - 60	Normal (N)
60 - 100	Short Telephoto (ST)
100 - 210	Medium Telephoto (MT)
210 - 400	Long Telephoto (LT)
400 - 800	Super-Telephoto (SST)
800+	Extreme Telephoto (ET))

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Canon EF Prime		f (mm)	f/ (mm)	f(1.6x) (mm)	mt	MFD (m)	wt (kg)	L (mm)	D (mm)	Df (mm)	eBay				other suppliers					
											E to E+		M- to N		E to E+		M- to N			
											\$US	date	\$US	date	\$US	date	site	\$US	date	site
Canon	EF 14/2.8 L USM	14	2.8	22	EF	0.3	0.56	89	77	rg	798	.17-05	1124	.16-03	1200	.17-03	prec'n	1480	.16-09	keh
Canon	EF 14/2.8 L II USM	14	2.8	22	EF	0.2	0.65	94	80	rg	1116	.17-05	1379	.16-10	1560	.16-12	LA	1695	.16-08	camW
Canon	EF 15/2.8 (180/44)	15	2.8	24	EF	0.2	0.33	62	73	rg	398	.17-04	555	.16-12	455	.16-07	ctc	730	.15-04	keh
Canon	TS-E 17/4 L	17	4	27	EFx	0.3	0.82	107	89	x	1570	.17-04	1822	.16-05	1519	.16-08	ctc	1840	.17-03	p'pro
Canon	EF 20/2.8 USM	20	2.8	32	EF	0.3	0.41	71	78	72	233	.17-05	302	.17-05	340	.16-12	keh	390	.17-03	p'pro
Canon	EF 24/1.4 L USM	24	1.4	38	EF	0.3	0.55	77	84	77	685	.17-04	982	.17-04	683	.16-07	ctc			
Canon	EF 24/1.4 L II USM	24	1.4	38	EF	0.3	0.65	94	87	77	866	.17-05	999	.17-05	1020	.17-03	p'pro	1330	.17-02	d'town
Canon	EF 24/2.8	24	2.8	38	EF	0.3	0.27	49	68	58	139	.17-05	188	.17-05	175	.16-12	keh	300	.16-01	keh
Canon	EF 24/2.8 IS USM	24	2.8	38	EF	0.2	0.28	56	68	58	358	.16-12	421	.16-12	493	.16-08	ctc	418	.16-05	d'town
Canon	TS-E 24/3.5 L	24	3.5	38	EFx	0.3	0.57	87	78	72	599	.17-03	836	.17-05	800	.16-08	ado	1050	.15-04	ado
Canon	TS-E 24/3.5 L II	24	3.5	38	EFx	0.2	0.78	107	89	82	1312	.16-12	1575	.16-12	1440	.16-01	LA	1634	.17-05	d'town
Canon	EF 28/1.8 USM	28	1.8	45	EF	0.3	0.31	56	74	58	245	.16-09	308	.17-05	350	.16-12	LA	390	.16-01	ado
Canon	EF 28/2.8	28	2.8	45	EF	0.3	0.19	43	67	52	113	.17-05	155	.16-12	133	.16-12	keh	145	.16-09	igor
Canon	EF 28/2.8 IS USM	28	2.8	45	EF	0.2	0.26	51	68	58	299	.16-08	395	.16-09	370	.16-12	LA	400	.16-09	keh
Canon	EF 35/1.4 L USM	35	1.4	56	EF	0.3	0.58	86	79	72	745	.17-05	907	.17-05	822	.16-12	keh	725	.17-02	igor
Canon	EF 35/1.4 L II USM	35	1.4	56	EF	0.3	0.76	106	80	72	1270	.17-05	1593	.17-05				1800	.15-09	b&h
Canon	EF 35/2	35	2	56	EF	0.3	0.21	43	67	52	164	.17-05	251	.17-05	339	.16-12	keh	275	.15-11	camW
Canon	EF 35/2 IS	35	2	56	EF	0.2	0.34	64	79	67	391	.17-05	473	.17-05				487	.16-12	keh
Canon	EF 40/2.8 STM	40	2.8	64	EF	0.3	0.13	23	69	52	97	.16-05	107	.16-09	99	.16-12	keh	110	.17-02	igor
Canon	TS-E 45/2.8	45	2.8	72	EFx	0.4	0.65	90	81	72	760	.17-04	944	.16-05	1000	.17-03	prec'n	1140	.16-08	d'town
Canon	EF 50/1.0 L USM	50	1	80	EF	0.6	0.99	82	92	72	3558	.16-11	4303	.17-04	3390	.14-02	keh	4200	.13-04	cameta
Canon	EF 50/1.2 L USM	50	1.2	80	EF	0.5	0.55	65	85	72	923	.17-05	1100	.17-04	1060	.17-03	d'town	1288	.17-02	d'town
Canon	EF 50/1.4 USM	50	1.4	80	EF	0.5	0.29	51	74	58	199	.17-05	263	.17-05	257	.16-12	keh	275	.16-12	igor
Canon	EF 50/1.8	50	1.8	80	EF	0.5	0.19	43	67	52	107	.16-09	145	.16-03	159	.16-12	keh	125	.16-12	camW
Canon	EF 50/1.8 II	50	1.8	80	EF	0.5	0.15	41	68	52	71	.16-01	100	.17-05	84	.16-12	keh	85	.16-08	camW
Canon	EF 50/1.8 STM	50	1.8	80	EF	0.4	0.16	41	69	49	98	.16-09	107	.17-04	105	.16-09	keh	118	.15-11	keh
Canon	EF 50/2.5 Compact-Macro	50	2.5	80	EF	0.2	0.28	63	68	52	134	.17-04	187	.17-05	220	.16-09	keh	275	.16-08	jack's
Canon	Lifeseize Converter	x	x	x	EF	x	0.16	35	68	x	111	.16-09	144	.16-03	238	.16-12	keh			
Canon	MP-E 65/2.8 Macro Photo [1]	65	2.8	104	EFx	0.2	0.73	98	61	58	659	.17-01	790	.17-05	710	.16-08	ado	865	x	p'pro
Canon	EF 85/1.2 L USM	85	1.2	136	EF	1.0	1.03	84	92	72	1028	.17-05	1272	.16-05	1360	.16-01	keh	1195	.15-11	camW
Canon	EF 85/1.2 L II USM	85	1.2	136	EF	1.0	1.03	84	92	72	1242	.17-05	1462	.17-03	1510	.16-12	LA	1535	.17-03	p'pro
Canon	EF 85/1.8 USM	85	1.8	136	EF	0.9	0.43	72	75	58	239	.17-05	295	.17-05	300	.16-09	keh	295	.17-02	igor
Canon	TS-E 90/2.8	90	2.8	144	EFx	0.4	0.57	88	74	58	697	.17-01	877	.16-12	850	.17-03	prec'n	984	.16-05	d'town
Canon	EF 100/2.0 USM	100	2	160	EF	0.9	0.46	74	75	58	258	.16-12	325	.17-04	300	.17-05	prec'n	420	.16-08	b&h
Canon	EF 100/2.8 Macro	100	2.8	160	EF	0.3	0.60	119	79	58	210	.17-04	256	.17-05	278	.16-09	keh	395	.14-03	camW
Canon	EF 100/2.8 Macro USM	100	2.8	160	EF	0.3	0.60	119	79	58	272	.17-05	334	.17-05	375	.16-08	jack's	400	.16-12	keh
Canon	EF 100/2.8 L IS Macro USM	100	2.8	160	EF	0.3	0.63	123	78	67	608	.17-05	700	.17-05	600	.17-05	prec'n	739	.16-12	keh

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Canon EF Prime		f (mm)	f/ (mm)	f(1.6x) (mm)	mt	MFD (m)	wt (kg)	L (mm)	D (mm)	Df (mm)	eBay				other suppliers					
											E to E+		M- to N		E to E+		M- to N			
											\$US	date	\$US	date	\$US	date	site	\$US	date	site
Canon	EF 135/2 L USM	135	2	216	EF	0.9	0.75	112	83	72	635	.17-05	758	.17-05	810	.16-08	ado	825	.16-01	camW
Canon	EF 135/2.8 Soft	135	2.8	216	EF	1.3	0.39	98	69	52	156	.16-12	210	.17-04	245	.16-12	jack's	300	.16-01	keh
Canon	EF 180/3.5 L Macro USM	180	3.5	288	EF	0.5	1.09	187	83	72	739	.17-03	974	.16-12	920	.16-09	keh	1030	.16-12	b&h
Canon	EF 200/1.8 L USM	200	1.8	320	EF	2.5	3.00	208	130	48 di	2910	.17-04	3721	.17-05	3500	.16-01	b&h			
Canon	EF 200/2 L IS USM	200	2	320	EF	1.9	2.50	208	128	52 di	4082	.17-01	4738	.16-11	4800	.16-12	b&h	5000	.16-08	b&h
Canon	EF 200/2.8 L USM	200	2.8	320	EF	1.5	0.79	136	83	72	376	.16-10	498	.16-08	468	.16-09	keh	600	.15-04	keh
Canon	EF 200/2.8 L II USM	200	2.8	320	EF	1.5	0.77	136	83	72	461	.17-05	560	.17-05	550	.17-05	prec'n	646	.17-02	d'town
Canon	EF 300/2.8 L USM	300	2.8	480	EF	3.0	2.86	253	125	48 di	1709	.17-04	2248	.17-04	2700	.16-12	keh			
Canon	EF 300/2.8 L IS USM	300	2.8	480	EF	2.5	2.55	252	128	52 di	2895	.17-05	3841	.16-01	3392	.16-12	keh	3648	.16-01	camtec
Canon	EF 300/2.8 L IS II USM	300	2.8	480	EF	2.0	2.35	248	128	52 di	4496	.17-05	5658	.16-08	5000	.16-01	LA	5500	.16-09	keh
Canon	EF 300/4 L USM	300	4	480	EF	2.5	1.17	214	90	77	476	.17-05	602	.17-05	650	.16-01	keh	1080	.11-10	keh
Canon	EF 300/4 L IS USM	300	4	480	EF	1.5	1.19	221	90	77	631	.17-05	845	.16-12	820	.16-12	LA	900	.16-12	b&h
Canon	EF 400/2.8 L USM	400	2.8	640	EF	4.0	6.10	348	167	48 di	1995	.17-05	3150	.16-04	3520	.14-01	keh			
Canon	EF 400/2.8 L II USM	400	2.8	640	EF	4.0	5.91	348	167	48 di	2438	.16-01	3625	.16-01	4300	.16-09	keh	4995	.15-11	igor
Canon	EF 400/2.8 L IS USM	400	2.8	640	EF	3.0	5.37	349	163	52 di	3877	.16-12	5209	.17-01	4395	.16-09	igor	5200	.16-12	keh
Canon	EF 400/2.8 L IS II USM	400	2.8	640	EF	2.7	3.85	343	163	52 di	6860	.16-05	8110	.16-05	8120	.16-01	LA	8815	.15-04	LA
Canon	EF 400/4 DO IS USM	400	4	640	EF	3.5	1.94	233	128	52 di	2443	.16-05	2793	.16-05	2660	.16-12	ctc	5250	.15-04	LA
Canon	EF 400/4 DO IS II USM	400	4	640	EF	3.3	2.10	233	128	52 di	0		6900	.15-03				6076	.17-05	d'town
Canon	EF 400/5.6 L USM	400	5.6	640	EF	3.5	1.25	257	90	77	744	.16-12	865	.17-05	800	.17-05	prec'n	908	.17-02	d'town
Canon	EF 500/4 L IS USM	500	4	800	EF	4.5	3.87	387	146	52 di	4147	.17-05	4969	.17-05	5000	.17-03	prec'n	5000	.16-12	b&h
Canon	EF 500/4 L IS II USM	500	4	800	EF	3.7	3.19	383	146	52 di	7337	.17-01	10025	.14-08	7690	.15-04	LA	7830	.15-04	LA
Canon	EF 500/4.5 L USM	500	4.5	800	EF	5.0	3.00	390	130	48 di	2143	.17-05	3402	.16-09	2472	.16-12	keh	4460	.12-02	keh
Canon	EF 600/4 L USM	600	4	960	EF	6.0	6.00	456	167	48 di	2400	.16-05	4557	.16-03	3500	.16-08	b&h	5295	.11-11	jack's
Canon	EF 600/4 L IS USM	600	4	960	EF	5.5	5.36	456	168	52 di	4766	.17-04	5706	.17-01	5800	.16-12	keh	6550	.16-08	b&h
Canon	EF 600/4 L IS II USM	600	4	960	EF	4.5	3.92	447	168	52 di	10089	.16-05	12749	.13-05				9500	.17-02	d'town
Canon	EF 800/5.6 L IS USM	800	5.6	1280	EF	6.0	4.50	461	162	52 di	7211	.17-05	8966	.17-01	8250	.16-12	LA	10450	.16-08	ado
Canon	EF 1200/5.6 L USM	1200	5.6	1920	EF	14.0	16.50	836	228	48 di	0		0		180k	.15-04	b&h	180x	.16-01	b&h

EF Extenders (teleconverters)

Canon	Extender EF 1.4x	x1.4	1.4	1.4	EF	-	0.20	27	73	-	115	.16-05	148	.16-09	131	.17-03	p'pro	165	.13-07	igor
Canon	Extender EF 1.4x II	x1.4	1.4	1.4	EF	-	0.22	27	73	-	143	.17-05	185	.17-04	200	.17-05	prec'n	225	.16-12	camW
Canon	Extender EF 1.4x III	x1.4	1.4	1.4	EF	-	0.23	27	73	-	304	.17-05	352	.17-05				385	x	p'pro
Canon	Extender EF 2x	x2	2.0	2.0	EF	-	0.24	51		-	107	.17-05	157	.16-12	140	.16-12	keh	200	.15-11	keh
Canon	Extender EF 2x II	x2	2.0	2.0	EF	-	0.27	58	72	-	141	.17-05	190	.17-04	189	.16-12	ctc	250	.16-12	camW
Canon	Extender EF 2x III	x2	2.0	2.0	EF	-	0.33	53	72	-	293	.17-05	356	.17-05	300	.17-05	camtec	376	.17-02	d'town

Canon EF Zoom	f (mm)	f/ (mm)	f(1.6x) (mm)	mt	MFD (m)	wt (kg)	L (mm)	D (mm)	Df (mm)	eBay				other suppliers					
										E to E+		M- to N		E to E+			M- to N		
										\$US	date	\$US	date	\$US	date	site	\$US	date	site
Canon EF 11-24/4 L USM	11-24	4	17-38	EF	0.3	1.18	132	109	x	2416	.17-05	2503	.17-05	2360	.16-12	LA	2400	.17-03	p'pro
Canon EF 16-35/2.8 L USM	16-35	2.8	26-56	EF	0.3	0.60	103	84	77	652	.17-05	912	.17-05	850	.16-12	camW	880	.16-12	keh
Canon EF 16-35/2.8 L II USM	16-35	2.8	26-56	EF	0.3	0.64	112	88	82	812	.17-05	1042	.17-03	1150	.16-12	LA	1060	.17-02	d'town
Canon EF 16-35/2.8 L III USM	16-35	2.8	26-56	EF	0.3	0.79	128	89	82	0		0					2200	.16-08	b&h
Canon EF 16-35/4 L IS USM	16-35	4	26-56	EF	0.3	0.62	113	83	77	781	.17-05	849	.17-05	850	.16-12	keh	940	.16-12	keh
Canon EF 17-35/2.8 L USM	17-35	2.8	27-56	EF	0.4	0.55	96	84	77	456	.17-04	553	.17-04	792	.16-12	keh	595	.16-01	camW
Canon EF 17-40/4 L USM	17-40	4	27-64	EF	0.3	0.50	97	84	77	388	.17-05	477	.17-05	495	.16-12	camW	528	.16-09	d'town
Canon EF 20-35/2.8 L USM	20-35	2.8	32-56	EF	0.5	0.54	79	89	72	380	.16-09	447	.16-12	600	.16-12	keh	795	.12-04	camW
Canon EF 24-70/2.8 L USM	24-70	2.8	38-110	EF	0.4	0.95	124	83	77	723	.17-05	973	.17-05	835	.16-12	ctc	895	.16-12	camW
Canon EF 24-70/2.8 L II USM	24-70	2.8	38-110	EF	0.4	0.80	112	89	82	1291	.17-05	1458	.17-05	1500	.16-12	b&h	1542	.16-12	keh
Canon EF 24-70/4 L IS USM	24-70	4	38-110	EF	0.2	0.60	94	84	77	539	.17-05	644	.17-05	570	.17-02	d'town	646	.16-08	camtec
Canon EF 24-105/4 L IS USM	24-105	4	38-168	EF	0.5	0.67	107	84	77	433	.17-05	532	.17-05	465	.17-02	igor	456	.16-12	camtec
Canon EF 24-105/4 L IS II USM	24-105	4	38-168	EF	0.5	0.80	118	84	77	0		839	.17-05				1100	.16-08	b&h
Canon EF 28-70/2.8 L USM	28-70	2.8	45-110	EF	0.5	0.88	118	83	77	473	.17-05	571	.17-05	698	.16-12	keh	695	.16-12	camW
Canon EF 28-80/2.8-4 L USM	28-80	2.8-4	45-128	EF	0.3	0.95	120	84	72	361	.17-03	562	.15-04	620	.16-12	keh	600	.16-12	keh
Canon EF 70-200/2.8 L USM	70-200	2.8	110-320	EF	1.5	1.31	194	85	77	752	.17-05	939	.17-05	984	.17-02	d'town	1070	.16-01	ado
Canon EF 70-200/2.8 L IS USM	70-200	2.8	110-320	EF	1.4	1.59	197	86	77	947	.17-05	1232	.17-05	1200	.16-12	b&h	1350	.16-12	b&h
Canon EF 70-200/2.8 L IS II USM	70-200	2.8	110-320	EF	1.2	1.49	199	89	77	1466	.17-05	1623	.17-05	1800	.16-09	keh	1900	.16-01	keh
Canon EF 70-200/4 L USM	70-200	4	110-320	EF	1.2	0.71	173	77	67	402	.17-05	494	.17-05	455	.17-01	ctc	528	.16-12	keh
Canon EF 70-200/4 L IS USM	70-200	4	110-320	EF	1.2	0.76	172	76	67	690	.17-05	790	.17-05	760	.16-12	camtec	795	.16-12	camW
Canon EF 80-200/2.8 L	80-200	2.8	128-320	EF	1.8	1.33	186	84	72	463	.16-12	627	.17-05	730	.16-09	keh			
Canon EF 200-400/4 L IS 1.4x	200-400	4, 5.6	320-640	EF	2.0	3.62	366	128	52di	7254	.16-07	8200	.16-08	8530	.16-12	LA	9500	.15-04	b&h
Canon EF 8-15mm f/4L Fisheye USM	8-15	4	13-24	EF	0.2	0.54	83	79	x	808	.16-10	944	.17-04	1035	.16-09	keh	960	.17-03	p'pro
Canon EF 28-300/3.5-5.6 L IS USM	28-300	3.5-5.6	45-420	EF	0.7	1.67	184	92	77	1363	.16-09	1448	.17-05	1291	.16-12	ctc	1950	.16-12	b&h
Canon EF 35-350/3.5-5.6 L USM	35-350	3.5-5.6	56-560	EF	0.6	1.39	167	85	72	745	.16-08	1012	.16-01	850	.17-05	prec'n	1245	.12-12	igor
Canon EF 50-200/3.5-4.5 L	50-200	3.5-4.5	80-320	EF	1.2	0.70	146	76	58	350	.16-03	494	.14-01	420	.16-09	keh	500	.09-02	keh
Canon EF 70-300/4-5.6L IS USM	70-300	4-5.6	110-420	EF	1.2	1.05	143	89	67	771	.17-01	932	.16-08	1000	.16-12	LA	931	.16-12	camtec
Canon EF 100-300/5.6 L	100-300	5.6	160-420	EF	1.5	0.70	167	75	58	209	.16-09	300	.16-04	200	.17-05	prec'n	400	.16-01	b&h
Canon EF 100-400/4.5-5.6 L IS USM	100-400	4.5-5.6	160-640	EF	1.8	1.38	189	92	77	740	.17-05	901	.17-05	908	.17-02	d'town	1140	.16-12	camtec
Canon EF 100-400/4.5-5.6 L IS II USM	100-400	4.5-5.6	160-640	EF	1.0	1.57	193	94	77	1695	.16-10	1809	.17-01	1710	.16-12	LA	2200	.15-04	b&h
Canon EF 28-135/3.5-5.6 IS USM	28-135	3.5-5.6	45-215	EF	0.5	0.54	97	78	72	123	.17-04	168	.17-05	165	.16-12	jack's	266	.16-05	d'town
Canon EF 70-300/4-5.6 IS USM	70-300	4-5.6	110-420	EF	1.5	0.63	143	76	58	198	.17-05	252	.17-05	200	.17-03	k'more	217	.16-12	camtec
Canon EF 70-300/4-5.6 IS II USM	70-300	4-5.6	110-420	EF	1.2	0.71	146	80	67	0		549	.16-12						
Canon EF 70-300/4.5-5.6 DO IS USM	70-300	4.5-5.6	110-420	EF	1.4	0.71	100	82	58	358	.17-05	465	.17-05	550	.16-12	LA	600	.16-01	b&h

Canon EF-S and EF-M Lenses											eBay		other suppliers							
											E to E+		M- to N		E to E+		M- to N			
											\$US	date	\$US	date	\$US	date	site	\$US	date	site
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df												
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)												
EF-S Lenses, for APS-C cameras																				
Canon	EF-S 24/2.8 STM	24	2.8	38	EF-S	0.2	0.13	23	68	52	103	.17-05	124	.17-04	106	.16-01	camtec	126	.16-09	keh
Canon	EF-S 35/2.8 Macro IS STM [1:1]	35	2.8	56	EF-S	0.1	0.19	56	69	49										
Canon	EF-S 60/2.8 Macro USM	60	2.8	96	EF-S	0.2	0.34	73	70	52	228	.17-05	293	.17-05	328	.16-12	keh	320	.16-12	igor
Sigma	Art 30/1.4 DC HSM	30	1.4	48	EF-S	0.3	0.44	63	74	62	268	.17-05	304	.17-05				500	.17-02	b&h
Tamron	SP 60/2 Macro	60	2.0	96	EF-S	0.2	0.39	80	73	55	159	.16-12	210	.17-05	280	.16-09	keh	320	.17-02	igor
Canon	EF-S 10-18/4.5-5.6 IS STM	10-18	4.5-5.6	16-28	EF-S	0.2	0.24	72	75	67	210	.17-05	247	.17-05	248	.16-12	keh	268	.16-01	keh
Canon	EF-S 10-22/3.5-4.5 USM	10-22	3.5-4.5	16-35	EF-S	0.2	0.39	90	84	77	286	.17-05	356	.17-05	341	.16-12	ctc	425	.16-12	camW
Canon	EF-S 15-85/3.5-5.6 IS USM	15-85	3.5-5.6	24-135	EF-S	0.4	0.58	88	82	72	296	.17-05	400	.17-05	450	.16-12	keh	468	.16-12	keh
Canon	EF-S 17-55/2.8 IS USM	17-55	2.8	27-88	EF-S	0.4	0.65	110	84	77	413	.17-03	490	.17-05	450	.17-03	k'more	698	.16-12	keh
Canon	EF-S 18-55/3.5-5.6 IS STM	18-55	3.5-5.6	29-88	EF-S	0.3	0.21	75	69	52	108	.16-12	109	.16-12	100	.17-03	k'more	115	.16-12	keh
Canon	EF-S 18-55/4-5.6 IS STM	18-55	4-5.6	29-88	EF-S	0.3	0.22	62	67	58								249	.17-02	b&h
Canon	EF-S 18-135/3.5-5.6 IS STM	18-135	3.5-5.6	29-216	EF-S	0.4	0.48	96	77	67	156	.17-05	209	.17-04	250	.17-03	k'more	290	.16-08	ado
Canon	EF-S 18-135/3.5-5.6 IS nUSM	18-135	3.5-5.6	29-216	EF-S	0.4	0.52	96	77	67	0		300	.17-05	250			600	.16-08	b&h
Canon	EF-S 55-250/4-5.6 IS STM	55-250	4-5.6	88-400	EF-S	0.9	0.38	111	70	58	104	.17-05	126	.17-05	98	.15-10	ctc	125	.16-12	camW
Sigma	Art 18-55/1.8 DC HSM	18-35	1.8	29-88	EF-S	0.3	0.81	121	78	72	512	.17-05	620	.17-05				800	.17-02	b&h
Sigma	Art 50-100/1.8 DC HSM	50-100	1.8	80-160	EF-S	1.0	1.49	171	94	82	698	.16-12	860	.16-12				1100	.17-02	b&h
Sigma	EX DC 50-150/2.8	50-150	2.8	80-235	EF-S	0.8	1.34	199	86	67	380	.17-05	721	.16-12	367	.16-09	keh			
Tokina	AT-X 11-20/2.8	11-20	2.8	18-32	EF-S	0.3	0.56	92	89	82	360	.16-12	491	.16-12				600	.16-09	b&h
Tokina	AT-X Pro 12-28/4 DG	12-28	4	19-45	EF-S	0.3	0.53	90	84	77	0		0					450	.16-09	b&h
Tokina	AT-X Pro 14-20/2 DX	14-20	2	22-32	EF-S	0.3	0.73	106	89	82	0		840	.16-09				840	.16-09	b&h
Tokina	AT-X Pro 50-135/2.8 DX	50-135	2.8	80-216	EF-S	1.0	0.85	135	78	67	324		399	.16-12						
EF-M Lenses, for EOS-M APS-C cameras																				
Canon	EF-M 22/2	22	2	35	EF-M	0.2	0.11	24	61	43	110	.17-04	123	.17-05				250	.16-09	b&h
Canon	EF-M 28/3.5 IS STM Macro [2]	28	3.5	45	EF-M	0.1	0.13	46	61	43	0		310	.17-05				300	.16-09	b&h
Canon	EF-M 11-22/4-5.6 IS STM	11-22	4-5.6	18-35	EF-M	0.2	0.22	58	61	55	290	.17-04	320	.17-01				400	.16-09	b&h
Canon	EF-M 15-45/3.5-6.3 IS STM	15-45	3.5-6.3	24-72	EF-M	0.3	0.13	45	61	49	106	.17-05	128	cx				300	.16-09	b&h
Canon	EF-M 18-55/3.5-5.6 IS STM	18-55	3.5-5.6	29-88	EF-M	0.3	0.21	61	61	52	70	.16-09	99	.17-04	80	.16-09	keh	400	.16-09	b&h
Canon	EF-M 18-150/3.5-6.3 IS STM	18-150	3.5-6.3	29-240	EF-M	0.3	0.30	86	61	55	0							500	.16-09	b&h
Canon	EF-M 55-200/4.5-6.3 IS STM	55-200	4.5-6.3	88-320	EF-M	1.0	0.26	87	61	52	167	.16-09	193	.16-12				133	.16-09	keh
Canon	EF-M adapter for EF/EF-S	-	-	-	EF-M	-	0.05	23	76	x	99	.16-12	199	.16-12				350	.16-09	b&h
Rokinon	10/2.8 ED AS NCS	10	2.8	16	EF-M	0.2	0.62	73	86	x	0		260	.17-04						
Rokinon	12/2 NCS	12	2	19	EF-M	0.2	0.25	59	73	67	217	.17-04	287	.17-05				310	.16-09	b&h
Rokinon	16/2 ED UMC	16	2	26	EF-M	0.2	0.61	115	86	77	0		160	.17-04				360	.16-09	b&h
Rokinon	21/1.4	21	1.4	35	EF-M	0.3	0.28	68	64	58	0		0					400	.16-09	b&h
Rokinon	35/1.2 ED AS UMC	35	1.2	56	EF-M						0		0					500	.16-09	b&h
Rokinon	50/1.2	50	1.2	80	EF-M	0.5	0.39	74	68	62	0		0					450	.16-09	b&h
Mikaton	Zhongji 35/0.95	35	0.95	56	EF-M	0.4	0.46	60	63	55	0		0					600	.16-09	b&h

											eBay		other suppliers						
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N				
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site	
Sigma Art autofocus																			
Sigma	Art 14/1.8 DG HSM	14	1.8	22	EF	0.3	1.17	126	95	x						x			
Sigma	Art 20/1.8 DG HSM	20	1.4	32	EF	0.3	0.95	130	91	x	674	.16-09	789	.16-08		900	.17-02	b&h	
Sigma	Art 24/1.4 ASP DG HSM	24	1.4	38	EF	0.3	0.67	90	85	77	645	.16-09	716	.16-09	0	850	.17-02	b&h	
Sigma	Art 35/1.4 DG HSM	35	1.4	56	EF	0.3	0.67	94	77	67	645	.17-05	706	.17-04	570 .15-11	camtec	900	.17-02	b&h
Sigma	Art 50/1.4 DG HSM	50	1.4	80	EF	0.4	0.82	100	85	77	643	.16-12	698	.17-05	630 .16-07	ctc	950	.17-02	b&h
Sigma	Art 85/1.4 DG HSM	85	1.4	136	EF	0.9	1.13	126	95	86	0		1070	.17-05			1200	.17-02	b&h
Sigma	Art 135/1.8 DG HSM	135	1.8	216	EF	0.9	1.13	115	91	82	0		1399	.17-04			x		
Sigma	Art 12-24/4.5-5.6 DG HSM	12-24	4	19-38	EF	0.2	1.15	120	85	x	0		0			1600	.17-02	b&h	
Sigma	Art 24-35/2 DG HSM	24-35	2	38-56	EF	0.3	0.94	123	88	82	630	.16-08	802	.16-10	703 .16-12	camtec	1000	.17-02	b&h
Sigma	Art 24-70/2.8 OS DG HSM	24-70	2.8	38-112	EF														
Sigma	Art 24-105/4 OS DG HSM	24-105	4.0	38-155	EF	0.5	0.89	109	89	82	500	.16-08	629	.17-05	608 .15-11	henrys	900	.17-02	b&h
Sigma EX autofocus																			
Sigma	EX 14/2.8 ASP IF DG	14	2.8	22	EF	0.2	0.63	91	82	rg	375	.16-04	506	.16-05	468 .16-09	keh			
Sigma	EX 20/1.8 Asp DG RF rl	20	1.8	32	EF	0.2	0.52	87	89	82	237	.17-05	387	.16-09	310 .16-01	ado	450	.14-08	LA
Sigma	EX 24/1.8ASP DG DF rl	24	1.8	38	EF	0.2	0.49	80	83	77	294	.16-08	366	.15-01			195	.16-12	camW
Sigma	EX 28/1.8	28	1.8	45	EF	0.3	0.29	62	69	58	176	.17-05	240	.16-08	275 .14-01	keh	450	.14-03	ado
Sigma	EX 50/1.4 DG HSM	50	1.4	80	EF	0.5	0.51	68	85	77	249	.16-08	333	.17-05	350 .15-11	ado	350	.15-04	LA
Sigma	EX 70/2.8 DG macro	70	2.8	112	EF	0.3	0.53	95	76	62	202	.16-08	315	.16-08	328 .16-09	keh	370	.14-08	LA
Sigma	EX 85/1.4 DG	85	1.4	136	EF	0.9	0.73	86	86	77	552	.17-05	663	.17-05	530 .17-03	k'more	722	.16-12	camtec
Sigma	EX 105/2.8 macro	105	2.8	168	EF	0.3	0.45	95	74	58	186	.17-05	238	.16-08	330 .16-09	keh	340	.12-02	keh
Sigma	EX 105/2.8 macro OS	105	2.8	168	EF	0.3	0.73	126	79	62	405	.16-01	499	.17-05	550 .14-08	ado			
Sigma	EX 150/2.8 DG APO Macro	150	2.8	240	EF	0.4	0.90	137	80	72	355	.16-12	502	.16-04	480 .15-11	ado	600	.14-08	ado
Sigma	EX 150/2.8 DG APO Macro OS	150	2.8	240	EF	0.4	1.15	150	80	72	723	.16-04	917	.14-08	700 .16-01	ado	745	.16-09	igor
Sigma	EX 180/2.8 APO Macro OS [1:1]	180	2.8	288	EF	0.5	1.63	204	95	86	0		0						
Sigma	EX 180/3.5 APO Macro	180	3.5	288	EF	0.5	0.95	180	80	72	390	.17-04	557	.14-03	415 .16-01	jack's			
Sigma	EX 300/2.8 AF APO	300	2.8	480	EF	2.5	2.40	214	119	46	899	.16-05	1648	.16-01	1900 .14-03	keh	2600	.14-08	ado
Sigma	EX 500/4.5 DG APO AF	500	4.5	800	EF	4.0	3.10	350	123	46	1703	.16-08	2466	.16-01	2900 .16-09	keh	3802	.14-08	keh
Sigma	EX 500/4 DG OS HSM	500	4	800	EF	3.5	3.31	380	145	46	0		0				6000	.16-09	b&h
Sigma	EX 800/5.6 DG APO AF	800	5.6	1280	EF	7.0	4.74	520	157	46	3502	.15-04	4266	.13-01	2300 .15-04	b&h			
Sigma	EX 12-24/4.5-5.6 ASP DG rl	12-24	4.5-5.6	19-38	EF	0.3	0.67	119	84	x	550	.16-08	614	.16-08					
Sigma	EX 24-70/2.8 ASP DF DG	24-70	2.8	38-112	EF	0.4	0.70	114	89	82	270	.16-09	456	.17-05	367 .16-09	keh	364	.14-08	camtec
Sigma	EX 28-70/2.8 ASP EX DG	28-70	2.8	45-112	EF	0.4	0.65	101	84	77	222	.16-03	272	.14-03	254 .14-03	keh			
Sigma	EX 50-500/4-5.6 APO	50-500	4-6.5	80-800	EF	1-3	1.65	218	94	86c	511	.17-05	748	.15-03	550 .15-04	keh	695	.14-03	keh
Sigma	EX 50-500/4-5.6 APO OS	50-500	4-6.5	80-800	EF	0.5	1.96	218	104	95	724	.16-12	1033	.17-05	960 .16-09	keh			
Sigma	EX 70-200/2.8 APO	70-200	2.8	112-320	EF	1.8	1.39	180	86	77	457	.16-08	543	.17-05	610 .15-11	ado	725	.14-03	keh
Sigma	EX 70-200/2.8 APO OS	70-200	2.8	112-320	EF	1.4	1.43	198	86	77	790	.16-03	937	.15-11	960 .16-09	keh	1030	.14-08	LA

	f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	eBay				other suppliers						
										E to E+		M- to N		E to E+		M- to N				
										\$US	date	\$US	date	\$US	date	site	\$US	date	site	
Sigma	100-400/5-6.3 DG OS HSM	100-400	5-6.3	160-640	EF	0.2	1.16	182	86	67										
Sigma	EX 120-300/2.8 HSM	120-300	2.8	192-480	EF	2.5	2.60	269	113	105	860	.16-09	1203	.17-01	1360	.15-04	keh	1600	.13-02	keh
Sigma	EX 120-300/2.8 OS HSM	120-300	2.8	192-480	EF	1.5-2.5	2.95	289	114	105	1512	.17-01	2163	.14-07	1700	.15-04	ado	2700	.13-04	b&h
Sigma	EX 120-300/2.8 OS S HSM	120-300	2.8	192-480	EF	1.5	3.39	291	121	105	2251	.16-05	2561	.16-01	2900	.16-09	keh	3600	.14-08	keh
Sigma	DG 150-500 OS APO HSM	150-500	5-6.3	240-800	EF	2.2	1.91	252	75	58	465	.17-05	647	.16-09	500	.16-01	ado	650	.16-09	keh
Sigma	DG 150-600 OS C	150-600	5-6.3	240-960	EF	2.8	1.93	260	105	95	715	.17-05	809	.17-05				1090	.15-06	b&h
Sigma	DG 150-600 OS S	150-600	5-6.3	240-960	EF	2.9	2.86	290	121	105	1607	.16-03	1663	.16-03				2000	.15-06	b&h
Sigma	EX 200-500/2.8 APO IF HSM	200-500	2.8	320-800	EF	2,5	15.7	726	236	72di	0		(23.2k)	.09-04				17k	.16-02	b&h
Sigma	EX 300-800/5.6 APO IF HSM	300-800	5.6	480-1280	EF	6.0	5.87	542	166	46di	2789	.16-08	5587	.15-02				4850	.12-01	ado

Tokina manual and autofocus

Tokina	RMC 17/3.5 SL	17	3.5	27	x	0.3	0.29	52	70	67	162	.17-05	231	.17-05	220	.15-11	ctc			
Tokina	AT-X 17/3.5 AF Pro	17	3.5	27	EF	0.3	0.44	65	88	77	257	.17-05	358	.16-05	300	.16-01	keh	380	.08-05	keh
Tokina	AT-X 90/2.5 Macro	90	2.5	144	x	0.4	0.53	64	80	55	302	.17-05	430	.16-08						
Tokina	AT-X 100/2.8 Macro	100	2.8	160	EF	0.3	0.54	95	73	55	230	.17-05	330	.16-05	325	.14-03	keh	340	.14-03	keh
Tokina	AT-X 300/2.8 AF PRO	300	2.8	480	EF	2.4	2.30	187	117	112	836	.16-05	1449	.14-11	1302	.14-08	keh			
Tokina	AT-X 300/2.8 SD MF	300	2.8	480	x						309	.15-11	538	.16-01	721	.17-03	p/pro			
Tokina	AT-X 300/4 AF Pro	300	4.0	480	EF						329	.16-04	431	.14-11						
Tokina	AT-X Pro 16-28/2.8 FX	16-28	2.8	26-45	EF	0.3	0.95	133	90	x	415	.17-05	708	.14-11	450	.17-03	prec'n	695	.12-05	keh
Tokina	AT-X Pro 17-35/4 FX	17-35	4.0	27-56	EF	0.3	0.60	94	89	82	270	.15-01	356	.15-10						
Tokina	AT-X Pro 20-35/2.8	20-35	2.8	32-56	EF	0.5	0.59	86	84	77	180	.16-01	294	.16-05	275	.13-07	keh			
Tokina	AT-X 24-40/2.8	24-40	2.8	38-64	x	0.4	0.51	79	75	72	138	.16-05	173	.16-05	140	.12-02	b&h			
Tokina	AT-X & AT-X Pro SV	28-70	2.8	45-112	EF	0.7	0.72	108	84	77	214	.17-05	315	.16-04	257	.16-09	keh			
Tokina	AT-X Pro, Pro II	28-70	2.6-2.8	45-112	EF	0.7	0.75	107	79	77	253	.14-03	300	.16-09	310	.13-07	keh			
Tokina	AT-X Pro AF	28-80	2.8	45-128	EF	0.5	0.82	120	84	77	258	.16-01	340	.16-05	245	.13-07	keh			
Tokina	AT-X & AT-X Pro 828 AF	80-200	2.8	128-320	EF	1.8	1.35	184	84	77	348	.16-05	529	.15-02	320	.14-08	ado			
Tokina	AT-X 100-300/4 AF	100-300	4.0	160-480	EF	2.0	1.52	229	81	77	195	.16-01	358	.15-03	295	.12-02	jack's			
Tokina	AT-X 150-500/5.6 SD	150-500	5.6	240-800	x	3.1	2.24	314	104	95	222	.17-01	305	.16-08				450	.15-04	b&h

										eBay		other suppliers								
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df		E to E+	M- to N	E to E+		M- to N						
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)		\$US date	\$US date	\$US date	site	\$US date	site					
Tamron SP manual and autofocus																				
Tamron	SP 14/2.8 LD Asp IF	14	2.8	22	EF	0.2	0.66	89	87	rg	353	.16-08	447	.14-03	465	.15-11	jack's	500	.13-06	camren
Tamron	SP 17/3.5 [51B] (bi filters)	17	3.5	27	A2	0.3	0.27	45	70	82*	156	.16-07	212	.16-04	174	.16-07	ctc	209	.17-05	camtec
Tamron	SP 17/35 [151B]	17	3.5	27	A2	0.3	0.27	48	71	82*	182	.16-12	258	.16-08	204	.16-02	ctc	265	.11-11	keh
Tamron	SP 35/1.8 Di VC	35	1.8	56	EF	0.2	0.48	81	80	67	408	.16-05	460	.16-09				530	.16-01	ado
Tamron	SP 45/1.8 Di VC	45	1.8	72	EF	0.3	0.54	91	80	67	329	.16-09	394	.16-12				450	.16-01	ado
Tamron	SP 85/1.8 Di VC USD	85	1.8	136	EF	0.8	0.70	91	85	67	630	.16-05	749	.16-05						
Tamron	SP 90/2.5 Macro [58BB]	90	2.5	144	A2	0.4	0.41	102	68	55	130	.16-05	260	.15-04	130	.15-04	ado	225	.14-08	v.v
Tamron	SP 90/2.8 Di Macro 1:1	90	2.8	144	EF	0.3	0.40	97	71	55	167	.16-12	270	.16-12	240	.16-09	keh	450	.16-01	camW
Tamron	SP 90/2.8 Di VC Macro 1:1	90	2.8	144	EF	0.3	0.55	115	76	58	995	.17-04	428	.16-01	525	.15-11	ado	500	.17-03	p'pro
Tamron	SP 90/2.8 Di VC USD Macro 1:1	90	2.8	144	EF	0.3	0.60	117	79	62	344	.16-01	428	.16-12	525	.15-11	ado	750	.15-11	b&h
Tamron	SP 180/2.5 LD IF MF	180	2.5	288	A2	1.2	0.87	120	82	77	357	.16-07	467	.15-02						
Tamron	SP 180/3.5 AF Di Macro 1:1	180	3.5	288	EF	0.5	0.92	166	85	72	418	.16-01	532	.14-08	525	.16-09	jack's	480	.17-03	p'pro
Tamron	SP 300/2.8 MF LD IF full set	300	2.8	480	A2	2.5	2.21	212	120	43di	646	.15-04	879	.15-08	1250	.12-01	ado	1550	.12-09	v.v
Tamron	SP 300/2.8 MF LD IF	300	2.8	480	A2	2.5	2.21	212	120	43di	494	.16-09	633	.15-04	650	.14-08	ado			
Tamron	SP 300/2.8 AF LD IF	300	2.8	480	EF	2.5	2.80	216	119	43di	687	.17-05	1443	.13-02	995	.14-08	jack's	1800	.15-04	b&h
Tamron	SP 300/5.6 (54B)	300	5.6	480	A2	1.4	0.65	170	65	58	116	.16-12	224	.16-08	145	.14-08	v.v			
Tamron	SP 350/5.6 Cat	350	5.6	560	A2	1.1	0.62	75	86	82	459	.16-12	628	.17-04	430	.14-03	keh			
Tamron	SP 400mm f/4 LD (IF) MF	400	4	640	A2	3.0	2.30	293	118	43di	769	.16-03	979	.14-01						
Tamron	SP 15-30/2.8 Di VC USD	15-30	2.8	24-48	EF	0.3	1.10	145	98	x	723	.17-04	817	.16-07				1200	.16-09	keh
Tamron	SP 20-40/2.7-3.5 ASP IF	20-40	2.7-3.5	32-64	EF	0.5	0.53	81	82	77	118	.15-11	160	.14-04	182	.16-01	keh			
Tamron	SP 24-48/3.5-3.8 [2]	24-48	3.5-3.8	38-76	A2	0.6	0.35	61	66	77	122	.16-05	434	.11-04						
Tamron	SP 24-70/2.8 Di VC USD	24-70	2.8	38-112	EF	0.4	0.83	109	88	82	634	.17-05	730	.17-05	850	.16-09	keh	880	.16-01	keh
Tamron	SP 24-135/3.5-5.6 AF	24-135	3.5-5.6	38-216	EF	0.4	0.53	79	81	72	141	.14-02	212	.15-03	175	.15-04	keh			
Tamron	SP 28-75/2.8 XR Di AF	28-75	2.8	45-115	EF	0.3	0.51	92	73	67	201	.17-05	324	.15-11	250	.16-09	keh			
Tamron	SP 28-105/2.8 LD ASP AF	28-105	2.8	45-168	EF	0.4	0.85	105	87	82	192	.15-10	321	.15-09	328	.16-09	keh	425	.15-04	b&h
Tamron	SP 28-200/3.8-5.6 XR AF	28-200	2.8	45-320	EF	0.5	0.35	75	71	62	123	.14-08	140	.14-08	80	.14-06	keh			
Tamron	SP 35-80/2.8-3.5 MF	35-80	2.8-3.5	56-128	A2	0.3	0.46	79	65	62	44	.16-05	123	.16-05	70	.16-01	b&h			
Tamron	SP 70-150/2.8 Soft [51A]	70-150	2.8	112-240	A2	1.0	0.76	147	67.5	62	493	.16-05	663	.16-05						
Tamron	SP 70-200/2.8 Di [A001]	70-200	2.8	112-320	EF	1.0	1.15	194	90	77	447	.16-10	551	.16-05	540	.16-01	ado	710	.13-02	ado
Tamron	SP 70-200/2.8 Di VC [A009]	70-200	2.8	112-320	EF	1.3	1.47	197	86	77	855	.16-12	1045	.16-09	1035	.16-09	keh	1220	.16-01	keh
Tamron	SP 70-300/4-5.6 VC	70-300	4-5.6	112-480	EF	1.4	0.77	143	82	62	225	.16-04	284	.16-05	270	.16-01	keh	228	.15-11	camtec
Tamron	SP 80-200/2.8 LD pp	80-200	2.8	128-320	A2	1.5	1.22	178	82	77	197	.16-05	351	.14-08	395	.12-01	v.v	430	.12-01	keh
Tamron	SP 150-600/5-6.3 VC	150-600	5-6.3	240-960	EF	2.7	1.95	258	106	95	657	.17-05	746	.16-12	756.2	.17-02	d'town	850	.15-11	ado
Tamron	LD 200-400/5.6 IF	200-400	5.6	320-640	EF	2.5	1.26	178	85	77	209	.16-12	287	.14-10	210	.16-09	keh	350	.09-08	v.v
Tamron	SP 200-500/5.6 LD IF [31A]	200-500	5.6	320-800	A2	2.5	2.74	361	105	95	401	.16-12	465	.17-05	175	.16-01	keh			
Tamron	SP 200-500/5.6-6.3 LD IF	200-500	5.6-6.3	320-800	EF	2.5	1.24	227	94	86	367	.16-08	682	.16-08	400	.16-01	ado	730	.15-04	LA

* hood accepts filter

											eBay		other suppliers							
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N					
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site		
Carl Zeiss Milvus manual focus for Canon EOS																				
Carl Zeiss	Milvus T* 15/2.8 ZE	15	2.8	24	ZE	0.3	0.95	100	102	95		2269	.17-05			2700	.16-09	b&h		
Carl Zeiss	Milvus T* 18/2.8 ZE	18	2.8	29	ZE	0.3	0.72	93	90	77						2300	.16-09	b&h		
Carl Zeiss	Milvus T* 21/2.8 ZE	21	2.8	34	ZE	0.2	0.85	95	96	82	1050	.17-05	1376	.16-08		1784	.16-08	ado		
Carl Zeiss	Milvus T* 35/2 ZE	35	2	56	ZE	0.3	0.70	83	77	58	926	.17-05	1132	.16-08	994	.16-08	ado	1000	.16-03	ado
Carl Zeiss	Milvus T* 50/1.4 ZE	50	1.4	80	ZE	0.5	0.92	98	83	67	937	.16-08	1134	.16-09	950	.16-08	ado	990	.16-08	ado
Carl Zeiss	Milvus 50/2 M ZE [1:2]	50	2	80	ZE	0.2	0.73	75	81	67	0		1288	.16-04				1283	.15-09	b&h
Carl Zeiss	Milvus 85/1.4 ZE	85	1.4	136	ZE	0.8	1.28	113	90	77	0		1558	.16-08	1640	.16-08	ado	1502	.16-12	camtec
Carl Zeiss	Milvus 100/2 M ZE [1:2]	100	2	160	ZE	0.4	0.84	104	81	67	0		1455	.17-05	1550	.16-08	n	1843	.15-09	b&h
Carl Zeiss	Milvus 135/2 M ZE	135	2	216	ZE	0.8	1.12	115	90	77			1975	.17-05				2200	.16-09	b&h
Carl Zeiss Otus manual focus for Canon EOS																				
Carl Zeiss	Otus 28/1.4 ZE	28	1.4	45	ZE	0.3	1.39	137	109	95	2850	.16-05	4061	.16-08						
Carl Zeiss	Otus Apo Dist'gn T* 55/1.4 ZE	55	1.4	88	ZE	0.5	1.03	127	92	77	2307	.17-05	2931	.16-08	3310	.16-03	LA	3000	.16-09	keh
Carl Zeiss	Otus Apo Planar T* 85/1.4 ZE	85	1.4	136	ZE	0.8	1.20	124	101	86	3234	.16-08	3528	.17-05				3650	.16-01	LA
Carl Zeiss ZE manual focus for Canon EOS																				
Carl Zeiss	Distagon T* 15/2.8 ZE	15	2.8	24	ZE	0.3	0.82	116	103	95	1276	.17-05	1355	.16-08	1750	.16-03	LA	1900	.17-05	d'town
Carl Zeiss	Distagon T* 18/3.5 ZE	18	3.5	29	ZE	0.3	0.51	61	87	82	645	.17-05	913	.17-05	920	.16-09	keh	1000	.16-08	b&h
Carl Zeiss	Distagon T* 21/2.8 ZE	21	2.8	34	ZE	0.2	0.72	87	87	82	780	.17-05	1098	.17-05	1200	.16-08	b&h	975	.17-02	igor
Carl Zeiss	Distagon T* 25/2 ZE	25	2	40	ZE	0.3	0.60	74	73	67	842	.16-07	1130	.16-05	1150	.16-08	b&h	1463	.17-05	d'town
Carl Zeiss	Distagon T* 28/2 ZE	28	2	45	ZE	0.2	0.58	72	64	58	611	.17-05	894	.17-04	760	.16-08	b&h	745	.17-02	igor
Carl Zeiss	Distagon T* 35/1.4 ZE	35	1.4	56	ZE	0.3	0.85	98	78	72	1011	.17-05	1329	.17-05	1250	.16-08	b&h	1245	.17-02	igor
Carl Zeiss	Distagon T* 35/2 ZE	35	2	56	ZE	0.3	0.57	75	73	58	522	.17-05	737	.17-05	560	.16-08	ado	645	.17-02	igor
Carl Zeiss	Planar T* 50/1.4 ZE	50	1.4	80	ZE	0.5	0.38	48	71	58	356	.17-05	501	.17-05	500	.16-08	b&h	395	.17-02	igor
Carl Zeiss	Makro-Planar T* 50/2 ZE [1:2]	50	2	80	ZE	0.2	0.57	67	75	67	632	.17-05	886	.16-03	600	.16-05	keh	756	.17-05	d'town
Carl Zeiss	Planar T* 85/1.4 ZE	85	1.4	136	ZE	1.0	0.67	65	78	72	537	.17-05	724	.17-05	720	.16-01	LA	1121	.15-04	camtec
Carl Zeiss	Makro-Planar T* 100/2 ZE [1:2]	100	2	160	ZE	0.4	0.68	91	76	67	774	.17-05	1286	.17-05	1150	.16-08	b&h	825	.17-02	igor
Carl Zeiss	Apo Sonnar T* 135/2 ZE	135	2	216	ZE	0.8	0.93	108	84	77	1084	.17-05	1550	.16-04	1480	.16-09	keh	1600	.16-09	keh
Carl Zeiss Contax (Contax/Yashica, C/Y), manual focus																				
Carl Zeiss	Distagon T* 15/3.5 CY [x]	15	3.5	24	CY	0.2	0.88	94	84	bi	1638	.16-01	2626	.13-08	1742	.16-05	keh	3000	.16-08	kevin
Carl Zeiss	F-Distagon 16/2.8 CY	16	2.8	26	CY	0.3	0.46	62	70	bi	680	.16-07	1251	.15-12	1300	.16-05	keh	1550	.16-08	kevin
Carl Zeiss	Distagon T* 18/4 CY [x]	18	4	29	CY	0.3	0.35	52	70	co	528	.17-05	645	.17-05	595	.17-03	camW	1745	.16-01	igor
Carl Zeiss	Distagon T* 21/2.8 CY	21	2.8	34	CY	0.2	0.53	91	85	82	1386	.17-01	1570	.16-08	1953	.16-12	keh	1225	.16-09	igor
Carl Zeiss	Distagon T* 25/2.8 CY	25	2.8	40	CY	0.3	0.36	56	63	55	321	.17-01	437	.17-05	379	.16-12	ctc	650	.16-08	kevin
Carl Zeiss	Distagon T* 28/2 CY	28	2	45	CY	0.2	0.53	76	63	55	779	.17-04		.16-05	850	.16-05	keh	1200	.17-05	b&h
Carl Zeiss	Distagon T* 28/2.8 CY	28	2.8	45	CY	0.3	0.28	50	63	55	260	.17-04	351	.17-05	225	.17-03	camW	420	.16-05	keh
Carl Zeiss	Distagon T* 35/1.4 CY	35	1.4	56	CY	0.3	0.60	76	70	67	962	.17-05	1195	.17-05	1480	.16-12	keh	2184	.15-11	keh
Carl Zeiss	Distagon T* 35/2.8 CY	35	2.8	56	CY	0.4	0.24	46	63	55	239	.17-05	309	.17-04	263	.17-03	UPpro	450	.16-01	keh
Carl Zeiss	PC Distagon T* 35/2.8 CY	35	2.8	56	CY	0.3	0.74	86	70	70co	925	.17-01	1445	.17-02	1139	.16-12	ctc			

		f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	eBay		other suppliers							
		(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	E to E+	M- to N	E to E+		M- to N					
											\$US	date	\$US	date	\$US	date	site	\$US	date	site
Carl Zeiss	Tessar T* 45/2.8 CY	45	2.8	72	CY	0.6	0.09	18	58	49	174	.17-05	229	.17-01	218	.16-12	keh	270	.16-12	b&h
Carl Zeiss	Planar T* 50/1.4 CY	50	1.4	80	CY	0.5	0.29	41	63	55	230	.17-04	338	.17-05	200	.17-05	kenmore	525	.16-08	kevin
Carl Zeiss	Planar T* 50/1.7 CY	50	1.7	80	CY	0.6	0.19	36	59	55	137	.16-12	197	.17-05	168	.16-12	keh	248	.16-08	keh
Carl Zeiss	Planar T* 55/1.2 100 Jahre CY	55	1.2	88	CY	0.2	0.50	60	80	77	3951	.16-03	6088	.16-03	6902	.14-08	keh	8500	.16-08	kevin
Carl Zeiss	S-Planar T* 60/2.8 CY [1:1]	60	2.8	96	CY	0.2	0.35	60	63	55	450	.15-08	0							
Carl Zeiss	"S-Planar 1:2.8 f=60mm" CY [1:1]	60	2.8	96	CY	0.2	0.57	74	76	67	389	.17-04	467	.17-05	572	.16-12	keh	822	.16-05	keh
Carl Zeiss	"Makro-Planar 1:2.8 f=60mm" CY	60	2.8	96	CY	0.2	0.57	74	76	67	429	.16-08	590	.16-03	528	.15-11	keh	750	.14-03	b&h
Carl Zeiss	"Makro-Planar 2.8/60 C" CY [1:2]	60	2.8	96	CY	0.3	0.27	52	65	55	395	.16-09	577	.16-03	490	.16-05	keh	700	.12-12	b&h
Carl Zeiss	Planar T* 85/1.2 CY	85	1.2	136	CY	1.0	0.87	73	80	77	2590	.17-05	3476	.15-11	2956	.16-03	ctc	5000	.16-08	kevin
Carl Zeiss	Planar T* 85/1.4 CY	85	1.4	136	CY	1.0	0.60	64	70	67	453	.17-04	584	.17-05	651	.17-05	UPpro	595	.17-03	camW
Carl Zeiss	Sonnar T* 85/2.8 CY	85	2.8	136	CY	1.0	0.23	47	61	55	250	.17-05	370	.17-05	195	.15-03	igor	400	.15-11	b&h
Carl Zeiss	Planar T* 100/2 CY	100	2	160	CY	1.0	0.67	84	70	67	730	.17-04	1066	.17-04	960	.16-12	keh	1000	.16-12	keh
Carl Zeiss	Makro-Planar T* 100/2.8 CY [1:1]	100	2.8	160	CY	0.5	0.74	87	76	67	575	.17-01	924	.15-02	400	.17-05	kenmore	800	.13-04	b&h
Carl Zeiss	Sonnar T* 100/3.5 CY	100	3.5	160	CY	1.0	0.29	61	63	55	299	.17-05	480	.16-04	425	.16-08	kevin	525	.16-08	kevin
Carl Zeiss	S-Planar 100/4 CY (bellows)	100	4	160	CY	x	0.28	49	63	55	0		0					2000	.16-08	kevin
Carl Zeiss	Planar T* 135/2 CY	135	2	216	CY	1.5	0.79	101	75	72	829	.17-05	1248	.17-04	1151	.17-05	UPpro	2100	.16-08	kevin
Carl Zeiss	Sonnar T* 135/2.8 CY	135	2.8	216	CY	1.6	0.59	93	69	55	194	.17-04	286	.16-12	133	.16-07	v.v	325	.16-01	camW
Carl Zeiss	Sonnar T* 180/2.8 CY	180	2.8	288	CY	1.4	0.99	131	82	72	292	.16-12	391	.17-04	387	.17-05	UPpro	425	.16-09	igor
Carl Zeiss	Aposonnar T* 200/2 CY	200	2	320	CY	1.8	2.60	182	123	111	0		4985	.14-08	4999	.14-08	keh	4995	.15-02	camW
Carl Zeiss	Tele-Tessar T* 200/3.5 CY	200	3.5	320	CY	1.8	0.78	122	78	67	142	.17-05	268	.17-01	300	.16-08	kevin	342	.17-05	d'town
Carl Zeiss	Tele-Tessar T* 200/4 CY	200	4	320	CY	2.0	0.55	121	66	55	163	.17-03	268	.16-05	174	.15-04	ctc	450	.12-09	v.v
Carl Zeiss	Tele-Apotessar T* 300/2.8 CY	300	2.8	480	CY	3.5	2.73	244	120	111	5111	.17-01	400/.	.15-11				14000	.16-08	kevin
Carl Zeiss	Tele-Tessar T* 300/4 MM CY	300	4	480	CY	3.5	1.20	205	88	82	270	.16-12	395	.16-09	300	.16-05	v.v	350	.16-12	camW
Carl Zeiss	Tele-Apotessar T* 500/5.6 CY	500	5.6	800	CY	4.9	1.87	290	112	c.o.	0		0							
Carl Zeiss	Tele-Apotessar T* 800/8 CY	800	8	1280	CY	4.0	3.25	505	129	c.o.	0		0							
Carl Zeiss	vSonnar T* 28-70/3.3-4 CY	28-70	3.5-4.5	45-112	CY	0.5	0.32	68	70	67	233	.17-04	301	.16-08	260	.17-05	UPpro	300	.16-01	b&h
Carl Zeiss	vSonnar T* 28-85/3.3-4 CY	28-85	3.3-4	45-136	CY	0.6	0.74	99	86	82	308	.17-05	428	.17-05	350	.17-05	kenmore	650	.14-08	b&h
Carl Zeiss	vSonnar T* 35-70/3.4 CY	35-70	3.4	56-112	CY	0.3	0.48	81	70	67	329	.16-12	418	.17-05	400	.17-05	kenmore	665	.13-04	keh
Carl Zeiss	vSonnar T* 35-135/3.3-4.5 CY	35-135	3.3-4	56-215	CY	0.3	0.74	107	85	82	724	.16-05	884	.16-09	695	.17-03	camW	1150	.16-08	kevin
Carl Zeiss	vSonnar T* 40-80/3.5 CY	40-80	3.5	64-128	CY	1.2	0.66	87	67	55	196	.16-01	196	.16-05	290	.14-08	keh	400	.13-04	kevin
Carl Zeiss	vSonnar T* 70-210mm f/3.5 CY	70-210	3.5	112-336	CY	1.8	1.15	186	77	67	817	.16-12	1198	.15-04	695	.17-03	camW	1500	.14-08	b&h
Carl Zeiss	vSonnar T* 80-200mm f/4 CY	80-200	4	128-320	CY	1.0	0.68	161	67	55	200	.16-12	292	.16-04	278	.16-12	keh	400	.15-01	kevin
Carl Zeiss	vSonnar T* 100-300/4.5-5.6 CY	100-300	4.5-5.6	160-420	CY	1.5	0.93	143	70	67	809	.16-09	960	.16-05	880	.15-11	keh	1270	.12-02	keh
Carl Zeiss Contax N autofocus																				
Carl Zeiss	Planar T* 50/1.4 N	50	1.4	80	N	0.5	0.31	55	80	67	517	.16-08	688	.16-05	540	.15-11	keh	620	.15-11	keh
Carl Zeiss	Planar T* 85/1.4 N	85	1.4	136	N	0.8	0.80	80	90	82	685	.13-04	1403	.16-10	1080	.15-11	keh	1395	.16-12	camW
Carl Zeiss	Makro-Sonnar T* 100/2.8	100	2.8	160	N	0.3	0.96	130	86	72	538	.16-04	713	.16-04	500	.15-11	keh	800	.13-02	b&h
Carl Zeiss	Tele-Apotessar T* 400/4 N	400	4	640	N	2.9	3.58	290	120	d.i.	2750	.15-04	3684	.12-10						
Carl Zeiss	vSonnar T* 17-35/2.8 N	17-35	2.8	27-56	N	0.5	0.90	96	102	95	1096	.16-03	1443	.16-03	1295	.15-11	keh			
Carl Zeiss	vSonnar T* 24-85/3.5-4.5 N	24-85	3.5-4.5	38-136	N	0.5	0.57	71	90	82	366	.16-12	480	.16-10	400	.17-05	kenmore	395	.17-03	camW
Carl Zeiss	vSonnar T* 70-300/4.5-5.6 N	70-300	4.5-5.6	112-420	N	1.5	1.07	129	88	72	334	.16-03	378	.16-05	250	.16-05	precis	450	.17-02	b&h

											eBay		other suppliers							
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N					
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site		
Carl Zeiss M42																				
Carl Zeiss	Ultron 50/1.8 M42	50	1.8	80	M42				437	.16-09	504	.16-04								
Carl Zeiss	Biometar 80/2.8 M42	80	2.8	128	M42	0.8	0.32	63	58	206	.16-04	356	.16-04							
Carl Zeiss Jena manual focus (no zebras)																				
Zeiss Jena	Flektogon 20/2.8	20	2.8	32	M42	0.2	0.31	47	74	67	341	.17-05	452	.17-05						
Zeiss Jena	Flektogon 20/4	20	4	32	M42	0.2	0.34	49	83	77	245	.16-04	361	.16-12						
Zeiss Jena	28/2.8 II MC Macro	28	2.8	45	M42	0.3		60		49	102	.15-03	165	.14-08	65	.16-05	v.v			
Zeiss Jena	Flektogon 35/2.4 MC	35	2.4	56	M42	0.2	0.25	52	64	49	177	.17-04	261	.17-04						
Zeiss Jena	Flektogon 35/2.8 SC Macro	35	2.8	56	M42	0.2	0.23			49	170	.16-04	0							
Zeiss Jena	Pancolar MC 50/1.4	50	1.4	80	M42						0		404	.14-03						
Zeiss Jena	Pancolar MC 50/1.8	50	1.8	80	M42	0.3	0.20	39	84	49	117	.17-01	166	.17-01						
Zeiss Jena	Biotar 75/1.5	75	1.5	120	M42	0.8	0.50	76		55	848	.16-09	966	.16-04						
Zeiss Jena	Pancolar MC 80/1.8	80	1.8	128	M42	0.4	0.31	55	60	58	391	.16-01	490	.16-05			525	.16-09	igor	
Zeiss Jena	Sonnar MC 135/3.5	135	3.5	216	M42	1.0	0.38	82		49	126	.17-01	186	.16-04	75	.15-11	igor			
Zeiss Jena	Sonnar MC 180/2.8	180	2.8	288	M42	2.2	1.10	146	100	86	221	.15-11	314	.16-01	425	.16-09	igor	425	.16-12	igor
Zeiss Jena	Sonnar MC 200/2.8	200	2.8	320	M42	2.2	1.20	146		77	244	.16-05	387	.16-05	350	.13-04	v.v	325	.16-12	igor
Zeiss Jena	Sonnar MC 300/4 (P6)	300	4.0	480	M42	4.0	0.21	224		86	210	.16-01	399	.16-01	450	.13-04	v.v			
Voigtlander 35mm manual focus																				
Voigtlander	20/3.5 Color Skopar Asp SL II	20	3.5	32	x	0.2	0.20	29	63	52	318	.16-12	409	.17-05	420	.16-09	keh	375	.16-12	camW
Voigtlander	28/2.8 Color Skopar Asp SL II	28	2.8	45	x	0.2	0.23	27	64	52	246	.16-10	377	.17-05				480	.16-04	c'quest
Voigtlander	35/2.8 Color Skoparex SL	35	2.8	56	x	0.4	0.21	53		49	179	.17-05	185	.17-05						
Voigtlander	40/2 Ultron Asp SL II	40	2	64	x	0.4	0.20	25	63	52	306	.16-05	377	.17-05	260	.11-01	b&h	380	.17-05	keh
Voigtlander	50/1.8 Color Ultron SL	50	1.8	80	x	0.5	0.19	38		49	134	.17-05	254	.16-05						
Voigtlander	58/1.4 Nokton SL-II	58	1.4	93	x	0.5	0.32	48	64	58	343	.16-05	436	.16-12				403	.11-05	camtec
Voigtlander	75/2.5 Color Heliar SL	75	2.5	120	x	0.7	0.25	40	64	49	372	.16-03	447	.16-10						
Voigtlander	90/3.5 Apo-Lanthar CF SL	90	3.5	144	x	0.5	0.39	58	64	49	352	.16-03	475	.16-08	400	.16-08	b&h			
Voigtlander	125/2.5 Apo-Lanthar Macro SL	125	2.5	200	x	0.4	0.69	88	76	58	1413	.17-03	2023	.17-05	2450	.12-01	ado			
Voigtlander	180/4 Apo-Lanthar CF SL	180	4	288	x	1.2	0.49	79	66	49	1126	.17-05	1476	.17-05						
Schneider-Kreuznach 35mm manual focus																				
Schneider	PC Super-Angulon 28/2.8 shift	28	2.8	45	x	0.3	0.57	87	75	67	820	.17-05	1182	.17-05	1300	.15-04	ado	1625	.15-04	igor
Schneider	PA-Curtagon 35/4 Shift	35	4	56	x	0.3	0.31	51	70	49	321	.17-05	533	.17-05	345	.16-12	igor	495	.16-12	camW
Schneider	PC TS Super-Angulon 50/2.8	50	2.8	80	EFx	0.7	1.40	108	129		1603	.14-08	2401	.14-03				3365	.13-08	b&h
Schneider	PC TS Makro-Symmar 90/4.5	90	4.5	144	EFx	0.6	1.11	139	108		0		1545	.17-05				1995	.17-02	igor
etc.																				
Pentacoon	Multi Coating 50/1.8 electric	50	1.8	65	M42	0.2	0.33	39	64	49	26	.15-06	48	.15-06						
Meyer	Primoplan 58/1.9 V (MC)	58	1.9	93	M42	0.8	0.12	34	51	39	379	.16-09	511	.16-02						
Meyer	Primoplan 75/1.9 V (MC)	75	1.9	120	M42	1.0	0.25	65	55		1074	.16-03	1834	.16-09						
Meyer	Trioplan 100/2.8 (MC)	100	2.8	160	x						464	.17-01	733	.17-01						
Angenieux	180/2.3 APO	180	2.3	288	x	1.8	1.00			82	2763	.16-05	0							

											eBay				other suppliers			
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N			
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site
Leica-R manual focus 3-cam																		
Leica	Super-Elmarit-R 15/2.8 Asp ROM	15	2.8	24	LR	0.2	0.71	85	84	b.i.	4542	.16-09	6502	.16-01				
Leica	Super-Elmar-R 15/3.5 [x] (Zeiss)	15	3.5	24	LR	0.2	0.91	93		b.i.	1776	.17-04	2225	.16-03	2395	.16-12	camW	
Leica	Fisheye-Elmarit-R	16	2.8	26	LR	0.3					610	.16-12	985	.16-01	545	.16-09	igor	
Leica	Elmarit R Super-W 19/2.8 [x]	19	2.8	30	LR	0.3	0.59	71	61	b.i.	982	.16-08	1524	.16-05	1078	.16-01	L-shop	1295 .16-09 igor
Leica	Super Angulon R 21mm f/4	21	4	34	LR						664	.16-12	872	.16-08	625	.16-12	igor	959 .16-12 keh
Leica	Elmarit R 24/2.8	24	2.8	38	LR	0.3	0.40			60	436	.17-05	619	.17-05	600	.16-01	keh	1090 .16-01 L-shop
Leica	Elmarit-R 28/2.8	28	2.8	45	LR	0.3	0.28	40	63	S7	463	.16-12	637	.16-12	700	.16-12	b&h	
Leica	Elmarit-R 28/2.8 II E55 pre-ROM	28	2.8	45	LR	0.3	0.44	48	68	55	1457	.17-04	2029	.16-12	1800	.15-09	fm	
Leica	PC-Super-Angulon 28/2.8 shift	28	2.8	45	LR					67	1116	.14-03	1756	.10-09	1299	.16-12	keh	1625 .14-08 igor
Leica	Summilux-R 35/1.4	35	1.4	56	LR	0.5	0.69	76	75	67	933	.11-01	2778	.16-12	1400	.09-12	b&h	2895 .17-02 igor
Leica	Summicron-R 35/2 3cam	35	2	56	LR	0.3	0.43	54	66	55	733	.16-08	969	.15-08	895	.16-12	camW	
Leica	Summicron-R 35/2 E55	35	2	56	LR	0.3	0.43	54	66	55	934	.17-05	1246	.16-12	1219	.16-12	keh	870 .17-05 camtec
Leica	Elmarit R-35/2.8 II h-lugs	35	2.8	56	LR	0.3	0.41	40	63	VII	356	.16-12	520	.16-09	452	.17-03	d'town	425 .16-12 igor
Leica	Elmarit R-35/2.8 III E55 h-bi	35	2.8	56	LR	0.3	0.31	42	66	55	446	.16-09	554	.16-09	595	.16-12	igor	625 .15-11 igor
Leica	Summilux-R 50/1.4 E55 h-bi	50	1.4	80	LR	0.5	0.49	51	70	60	888	.17-04	1165	.17-05	1000	.16-12	b&h	1325 .16-12 igor
Leica	Summicron-R 50/2 E55	50	2	80	LR	0.5	0.29	41	66	55	383	.17-05	542	.17-04	350	.16-12	camW	495 .17-02 igor
Leica	Macro-Elmarit-R 60/2.8 3-cam	60	2.8	96	LR	0.3	0.40	62	68	55	438	.17-05	632	.16-10	475	.16-09	igor	595 .16-12 igor
Leica	Summilux-R 80/1.4	80	1.4	128	LR	0.8	0.70	69	75	67	1642	.16-12	2073	.16-10	2572	.15-04	keh	1845 .14-06 igor
Leica	Summicron-R 90/2 E55	90	2	144	LR	0.7	0.52	61	69	55	548	.17-01	862	.16-09	700	.17-03	prec'n	749 .17-05 camtec
Leica	Apo-Summicron-R 90/2 ASPH	90	2	144	LR	0.7	0.52	59	70	60	1605	.14-08	3512	.16-03	4500	.12-04	bergen	4620 .16-01 L-shop
Leica	Elmarit R 90/2.8 E55	90	2.8	144	LR	0.7	0.45	57	67	55	378	.17-05	570	.16-08	300	.17-05	kenmore	685 .16-01 L-shop
Leica	Apo-MacroElmarit-R 100/2.8	100	2.8	160	LR	0.5	0.76	105	73	60	1404	.16-03	1831	.16-12	1395	.15-11	camW	1824 .17-05 d'town
Leica	Macro-Elmar-R 100/4	100	4	160	LR		0.67	120	68	55	329	.16-04	494	.16-05	350	.16-12	camW	
Leica	Elmarit-R 135/2.8	135	2.8	216	LR	1.5	0.73	93	67	55	232	.16-12	330	.16-12	300	.17-05	kenmore	420 .16-01 igor
Leica	Apo-Summicron-R 180/2	180	2	288	LR	1.5	2.50	175	117	100	3549	.15-06	6249	.16-08	3200	.10-02	kevin	4495 .10-11 camW
Leica	Apo-Elmarit-R 180/2.8	180	2.8	288	LR	2.0	0.97	132	76	67	2615	.12-04	3600	.16-12	2100	.11-04	8elm	3395 .11-01 igor
Leica	Elmarit-R 180/2.8 II	180	2.8	288	LR	1.8	0.81	121	75	VIII	361	.16-08	574	.16-08	385	.16-01	L-shop	500 .16-01 b&h
Leica	Apo-Telyt-R 180/3.4 E60	180	3.4	288	LR	2.5	0.75	133	67	60	742	.16-12	1066	.17-05	700	.17-03	prec'n	1095 .16-12 igor
Leica	Elmar-R 180/4	180	4	288	LR	1.8	0.55	100	66	55	281	.16-08	452	.16-05	400	.17-04	b&h	495 .12-04 camW
Leica	Telyt-R 250/4	250	4	400	LR	4.0	0.49		78	s8	303	.16-08	513	.16-09	400	.17-05	prec'n	450 .16-01 L-shop
Leica	Apo-Telyt-R 280/2.8	280	2.8	448	LR	2.5	2.75	261	125	112-5,5	2109	.16-12	3107	.16-12	3050	.13-07	ado	6795 .10-04 camW
Leica	Apo-Telyt-R 280/4 ROM	280	4	448	LR	1.7	1.88	208	88	77			4587	.17-01				3995 .10-05 camW
Leica	Apo-Telyt-R 400/2.8	400	2.8	640	LR	5.8	4.70	365	166	5.5 di			5989	.17-01				.16-12 igor

											eBay		other suppliers							
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N					
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site		
Nikon AIS/ AI manual focus																				
Nikon	Nikkor 6/2.8 FE [220 deg]	6	2.8	10	AIS	0.3	5.20	160	236	b.i.	49990	.15-04	63698	.17-01						
Nikon	Nikkor 8/2.8 FE [220 deg]	8	2.8	13	AIS	0.3	1.10	128	123	b.i.	1488	.16-08	2408	.16-08	1670	.13-07	keh	3495	.13-08	camW
Nikon	Nikkor 13/5.6	13	5.6	21	AI	0.3	1.20	89	115	rf	15227	.14-02	24995	.12-09						
Nikon	Nikkor 15/3.5	15	3.5	24	AIS	0.3	0.63	84	90	94	648	.17-01	972	.16-03	950	.16-01	b&h	1400	.15-04	b&h
Nikon	Nikkor 18/3.5	18	3.5	29	AIS	0.3	0.35	62	75	72	365	.17-04	518	.16-08	546	.13-07	keh	700	.12-02	b&h
Nikon	Nikkor 20/2.8	20	2.8	32	AIS	0.3	0.26	43	69	62	276	.17-05	397	.17-05	440	.14-08	ado	600	.14-08	keh
Nikon	Nikkor 20/3.5	20	3.5	32	AI	0.3	0.24	41	64	52	225	.17-05	314	.17-04	320	.16-01	keh	275	.15-04	igor
Nikon	Nikkor 28/3.5 PC AI (bk knob)	28	3.5	45	AI	0.3	0.38	69	78	72	269	.17-01	395	.16-12	400	.16-01	b&h	475	.15-11	igor
Nikon	Nikkor 28/4 PC AI	28	4	45	AI	0.3	0.41		78	72	311	.16-09	568	.12-01	367	.14-08	keh	800	.10-05	b&h
Nikon	Nikkor 35/1.4 AIS	35	1.4	56	AIS	0.3	0.41	62	68	52	311	.17-05	448	.17-05	475	.16-01	b&h	600	.15-04	b&h
Nikon	Nikkor 35/2.8 PC n AI (bk knob)	35	2.8	56	AI	0.3	0.32	66	62	52	239	.16-09	408	.16-03	195	.16-09	igor	400	.16-01	b&h
Nikon	Nikkor 50/1.2 AIS	50	1.2	80	AIS	0.5	0.41	50	72	52	311	.17-05	421	.17-05	460	.16-01	b&h	531	.17-02	d'town
Nikon	Noct-Nikkor 58/1.2	58	1.2	93	AI	0.5	0.47	52	74	52	2712	.16-05	3277	.16-08	3000	.13-04	ado			
Nikon	Nikkor 85/1.4 AIS	85	1.4	136	AIS	0.9	0.62	65	81	72	434	.17-01	558	.17-04	600	.16-01	b&h	950	.14-08	camtec
Nikon	Nikkor 105/1.8 AIS	105	1.8	168	AIS	1.0	0.58	81	79	62	313	.17-05	454	.16-12	500	.15-04	b&h	795	.11-11	camW
Nikon	Nikkor-P Auto 105/2.5	105	2.5	168	F	1.0	0.44	66	69	52	118	.17-04	186	.17-04	130	.14-08	b&h	265	.13-07	keh
Nikon	Nikkor 105/2.5	105	2.5	168	AI	1.0	0.44	69	66	52	135	.17-05	207	.17-05	170	.16-01	b&h	150	.15-04	igor
Nikon	Nikkor 135/2 AIS	135	2	216	AIS	1.3	0.86	94	81	72	378	.17-05	562	.17-05	650	.16-01	b&h	750	.11-10	ado
Nikon	Nikkor 200/2 AIS	200	2	320	AIS	2.4	2.40	222	138	122	1337	.16-05	2033	.17-05	2150	.14-03	ado	2500	.10-09	kevin
Nikon	Nikkor *ED 300/2 IF N	300	2	480	AIS	-	7.10	331	183	52 di	6658	.15-04	0							
Nikon	Nikkor *ED 300/2.8 IF N	300	2.8	480	AIS	3.0	2.50	241	138	39 di	834	.16-12	1259	.16-04	950	.13-07	b&h	1375	.12-04	camW
Nikon	Nikkor *ED 400/2.8 IF MF	400	2.8	640	AIS	4.6	5.15	379	163	52 di	1730	.16-09	2466	.15-12	3100	.15-04	b&h			
Nikon	Nikkor *ED 400/3.5 IF MF	400	3.5	640	AIS	4.6	2.80	297	135	122-39	1095	.16-12	1536	.16-03	1000	.16-01	b&h			
Nikon	Nikkor ED 500/4 P	500	4	800	AIS	5.0	3.00	384	138	39 di	1419	.17-04	2267	.16-09	1800	.16-01	b&h	2000	.16-01	b&h
Nikon	Nikkor *ED 600/4 IF MF	600	4	960	AIS	7.6	5.65	465	173	39 di	2079	.16-08	2736	.15-03	3000	.16-01	b&h			
Nikon	Nikkor *ED 600/5.6 IF MF	600	5.6	960	AIS	6.1	2.70	382	134	39 di	1120	.16-08	2114	.15-03	1602	.14-08	keh			
Nikon	Nikkor *ED 800/5.6 IF MF	800	5.6	1280	AIS	8.0	5.45	546	163	52 di	1985	.16-12	3260	.16-12	3650	.13-04	b&h	4560	.12-04	keh
Nikon	Nikkor 14-24/2.8 G ED AF-S	14-24	2.8	22-38	AF-S	0.3	1.00	131	98	x	1125	.17-05	1381	.17-04	1672	.14-08	keh	1740	.13-07	keh
Nikon	Nikkor 200-400/4 *ED MF	200-400	4	320-640	AIS	3.7	4.00	330	144	122	2325	.17-03	3356	.14-09						
Nikon	Nikkor 1200-1700/5.6-8*ED MF	1.2k-1.7k	5.6-8		AIS	10.0	16.0	880	237	52 di	0		0							

											eBay				other suppliers					
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N					
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site		
Olympus OM manual focus																				
Olympus	Zuiko 18/3.5 MC Auto-W	18	3.5	29	OM	0.3	0.25	42	62	49>72	665	.16-05	924	.16-01	650	.16-08	kevin	1300	.14-08	kevin
Olympus	Zuiko 21/2	21	2	34	OM	0.2	0.25	44	60	55	809	.17-05	1070	.17-05	900	.13-10	b&h	1170	.13-10	keh
Olympus	Zuiko 21/3.5	21	3.5	34	OM	0.2	0.18	31	59	49	303	.17-05	418	.16-09	500	.16-08	kevin	600	.16-08	kevin
Olympus	Zuiko 24/2 Auto-W (fe)	24	2	38	OM	0.3	0.28	48	60	55	313	.17-01	560	.16-04	325	.17-02	igor	850	.16-08	kevin
Olympus	Zuiko 24/2.8 H.Zuiko	24	2.8	38	OM	0.3	0.18	31	59	49	128	.17-05	186	.17-04	125	.17-05	prec'n	300	.16-08	kevin
Olympus	Zuiko 24/3.5 Shift	24	3.5	38	OM	0.4	0.51	75	84	bi	717	.16-04	1024	.16-05	1850	.16-08	kevin	2500	.16-08	kevin
Olympus	Zuiko 28/2	28	2	45	OM	0.3	0.25	43	60	49	209	.17-04	293	.16-05	300	.16-05	kenmore	500	.16-08	kevin
Olympus	Zuiko 28/2.8	28	2.8	45	OM	0.3	0.17	32	60	49	55	.16-05	107	.16-05	70	.16-09	b&h	140	.16-09	b&h
Olympus	Zuiko 35/2.8 Shift	35	2.8	56	OM	0.3	0.31	58	68	49	291	.17-04	365	.16-12	345	.17-02	igor	395	.17-02	igor
Olympus	Zuiko 40/2 Auto-S	40	2	64	OM	0.3	0.14	25	60	49	320	.16-01	442	.16-01	415	.13-02	keh	450	.12-11	igor
Olympus	Zuiko 50/1.2 Auto-S	50	1.2	80	OM	0.5	0.29	43	65	49	382	.17-01	545	.17-05	650	.16-09	b&h	850	.16-08	kevin
Olympus	Zuiko 50/1.8 Auto-S	50	1.8	80	OM	0.5	0.17	31	61	49	0		149	.16-01	45	.16-12	igor	85	.14-08	b&h
Olympus	Zuiko 55/1.2 Auto-S	55	1.2	80	OM	0.5	0.31	47	65	49	287	.17-05	391	.16-05	395	.16-12	camW	750	.16-08	kevin
Olympus	Zuiko 85/2 Auto-T	85	2	136	OM	0.9	0.26	48	60	49	211	.17-04	355	.16-12	367	.15-04	keh	245	.14-03	igor
Olympus	Zuiko 90/2 MC Macro	90	2	144	OM	0.4	0.55	71	72	55	747	.17-05	988	.16-08	1080	.16-01	keh			
Olympus	Zuiko 100/2 Auto-T (ED)	100	2	160	OM	0.7	0.52	72	70	55	610	.17-04	955	.16-04	676	.16-03	ctc			
Olympus	E.Zuiko 135/3.5 OM	135	3.5	216	OM	1.5	0.29	73	61	49	30	.16-05	56	.16-05	80	.16-09	b&h			
Olympus	Zuiko 135/4.5 MC Macro	135	4.5	216	OM	x	0.32	47	60	55	171	.16-09	313	.16-03	165	.15-04	ado	245	.13-04	keh
Olympus	Zuiko 180/2 Auto-T	180	2	288	OM	1.6	1.90	173	107	100	2874	.16-05	6672	.14-08	2300	.13-04	kevin			
Olympus	Zuiko 200/4 Auto-T	200	4	288	OM	2.5	0.51	127	67	55	106	.16-01	175	.16-03	100	.16-09	b&h			
Olympus	Zuiko 250/2 Auto-T	250	2	400	OM	2.2	3.90	246	142	46di	2900	.16-04	3425	.13-02				4500	.13-04	kevin
Olympus	Zuiko 350/2.8 Auto-T	350	2.8	560	OM	3.0	3.90	280	142	46di	1925	.16-01	3050	.16-04	2000	.16-01	b&h	4200	.16-08	kevin
Olympus	Zuiko 35-70/3.6 Auto-Zoom	35-70	3.6		OM	0.8	0.40	74	67	55	52	.16-04	186	.16-05				225	.16-08	kevin
Olympus	Zuiko Zoom 35-80/2.8 (ED)	35-80	2.8	56-128	OM	0.6	0.65	99	69	62	730	.17-04	970	.16-04	1080	.16-12	keh	1600	.13-04	kevin

Pentax Takumar & SMC Takumar M42 manual focus

Pentax	SMC Takumar 15mm f/3.5	15	3.5	24	M42	0.3	0.57	82	80	bi	0		850	.15-11						
Pentax	SMC Takumar "1:3.5/15" (AL)	15	3.5	24	M42						856	.16-01	0		2800	.16-08	kevin	4000	.16-08	kevin
Pentax	Fish-eye-Takumar FE 17/4	17	4	27	M42	0.2	0.23	32	67	bi	216	.16-01	270	.16-08	300	.15-04	b&h			
Pentax	SMC Takumar FE 17/4	17	4	27	M42	0.2	0.23	32	67	bi	240	.16-01	360	.16-05	189	.17-01	ctc			
Pentax	Super-Takumar 20/4.5	20	4.5	32	M42	0.2	0.25	45	62	77	138	.16-01	275	.15-04	200	.14-03	b&h			
Pentax	SMC Takumar 20/4.5	20	4.5	32	M42	0.2	0.25	45	62	77	159	.16-09	244	.16-05						
Pentax	SMC Takumar 35/2	35	2	56	M42	0.4	0.24	58	54	49	176	.16-03	254	.15-08	200	.16-01	keh	150	.16-12	igor
Pentax	Auto-Takumar 85/1.8	85	1.8	136	M42	0.9	0.33	55	63	55	294	.16-04	373	.16-03						
Pentax	SMC Takumar 85/1.8	85	1.8	136	M42	0.9	0.34	57	65	58	342	.17-05	450	.16-10	572	.14-08	keh	575	.12-02	kevin
Pentax	SMC Takumar 135/2.5	135	2.5	216	M42	1.5	0.44	86	67	58	162	.17-05	249	.16-05	150	.17-05	prec'n	195	.13-05	camW
Pentax	SMC Takumar 500/4.5 ps	500	4.5	800	M42	10.0	3.50			46	356	.16-05	473	.16-03	500	.16-01	b&h			

											eBay				other suppliers			
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N			
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site
Pentax SMC K-mount manual focus																		
Pentax	SMC Pentax "1:3.5/15mm" (AL)	15	3.5	24	K	0.3	0.55	82	80	bi	643	.15-08	617	.16-03	800	.16-01	b&h	
Pentax	SMC Pentax "1:3.5 15mm" (not)	15	3.5	24	K	0.3	0.60	82	80	1	0		775	.16-01	425	.16-12	igor	1000 .14-08 b&h
Pentax	SMC Pentax-A 15/3.5	15	3.5	24	KA	0.3	0.60	82	80	bi	692	.16-04	1087	.11-10	962	.14-08	keh	1000 .10-05 b&h
Pentax	SMC Pentax-A 16/2.8 FE	16	2.8	26	KA	0.2	0.32	56	65	bi	358	.16-01	594	.15-04	560	.15-04	ado	
Pentax	SMC Pentax 17/4 FE	17	4	27	K	0.2	0.24	34	65	bi	266	.17-05	421	.16-04	475	.16-08	kevin	700 .16-08 kevin
Pentax	SMC Pentax 18/3.5	18	3.5	29	K	0.3	0.30	62	63	58	451	.16-05	759	.15-12	900	.16-08	kevin	1100 .16-08 kevin
Pentax	SMC Pentax-A 20/2.8	20	2.8	32	KA	0.3	0.25	44	70	67	406	.16-05	549	.16-03	619	.15-01	keh	648 .15-04 keh
Pentax	SMC Pentax 20/4	20	4	32	K	0.3	0.30	57	63	58	229	.16-09						600 .13-04 kevin
Pentax	SMC Pentax-M 20/4	20	4	32	K	0.3	0.15	30	63	49	252	.16-12	346	.16-03	395	.14-03	kevin	600 .16-08 kevin
Pentax	SMC Pentax 28/2	28	2	45	K	0.3	0.42	63	69	52	550	.16-01	849	.17-03	429	.14-03	keh	
Pentax	SMC Pentax-M 28/2	28	2	45	K	0.3	0.215	42	63	49	318	.15-11	333	.17-04	420	.16-01	keh	
Pentax	SMC Pentax 28/3.5 Shift	28	3.5	45	K	0.3	0.611	93	80	b.i.	408	.17-04	565	.16-01				835 .16-05 b&h
Pentax	SMC Pentax 28/3.5	28	3.5	45	K	0.3	0.26	47	63	52	123	.17-04	162	.17-04				330 .15-04 b&h
Pentax	SMC Pentax 30/2.8	30	2.8	48	K	0.3	0.215	40	63	52	235	.16-05	287	.16-04				650 .16-05 kevin
Pentax	SMC Pentax 35/3.5	35	3.5	56	K	0.4	0.16	63	36	52	130	.16-12	153	.16-12				
Pentax	SMC Pentax 50/1.2	50	1.2	80	K	0.5	0.39	49	65	52	289	.17-05	392	.16-10	500	.16-08	kevin	395 .16-09 igor
Pentax	SMC Pentax-A 50/1.2	50	1.2	80	KA	0.5	0.35	49	65	52	432	.14-10	584	.16-04	531	.15-11	ctc	
Pentax	SMC Pentax-A 50/1.4	50	1.4	80	KA	0.5	0.27	37	63	49	116	.16-10	156	.17-05	110	.16-12	igor	
Pentax	SMC Pentax-A 50/2.8 Macro [1:2]	50	2.8	80	KA	0.2	0.22	50	63	49	135	.17-04	186	.17-05	190	.17-05	d'town	290 .15-03 b&h
Pentax	SMC Pentax-FA 50/2.8 Macro [1:1]	50	2.8	80	KAF	0.2	0.39	70	68	52	191	.16-12	299	.16-05				
Pentax	SMC Pentax-A* 85mm f/1.4	85	1.4	136	KA	0.9	0.56	66	74	67	942	.16-06	1172	.16-03	1170	.13-04	ado	2500 .16-08 kevin
Pentax	SMC Pentax 85/1.8	85	1.8	136	K	0.9	0.33	56	64	52	354	.16-05	450	.16-08	224	.16-05	v.v	850 .16-08 kevin
Pentax	SMC Pentax 85/2.2 Soft	85	2.2	136	K	0.6	0.24	72	52	49	206	.16-09	311	.16-01	280	.16-01	keh	313 .16-01 keh
Pentax	SMC Pentax-A 100/2.8 Macro	100	2.8	160	KA	0.3	0.47	93	74	58	436	.17-04	750	.15-10	304	.15-07	ctc	950 .16-08 kevin
Pentax	SMC Pentax-A* 135mm f/1.8	135	1.8	216	KA	1.2	0.87	98	80	77	1792	.17-05	2741	.17-01	2570	.13-09	keh	
Pentax	SMC Pentax 135/2.5	135	2.5	216	K	1.5	0.50	86	68	58	163	.17-04	263	.15-12	190	.17-02	d'town	550 .16-08 kevin
Pentax	SMC Pentax-M 135/3.5	135	3.5	216	K	1.5	0.27	66	63	49	51	.12-02	122	.16-08	50	.17-03	prec'n	
Pentax	SMC Pentax 200/2.5	200	2.5	320	K	2.0	0.95	145	89	77	332	.16-05	530	.16-01	450	.15-04	b&h	800 .16-08 kevin
Pentax	SMC Pentax-A* ED 200/2.8	200	2.8	320	KA	1.8	0.85	138	91	77	662	.15-11	876	.14-07				
Pentax	SMC Pentax-A* ED 200/4 Macro	200	4	320	KA	0.6	0.90	145	71	58	2105	.17-03	2403	.17-03				
Pentax	SMC Pentax-FA* ED 200/4 Macro	200	4	320	KAF	0.5	1.08	192	80	67	0		0					
Pentax	SMC Pentax-A* ED 300/2.8 IF	300	2.8	480	KA	3.0	2.97	236	133	49	1296	.16-03	1876	.16-03	1900	.10-05	ado	
Pentax	SMC Pentax-M*, -A* 300/4	300	4	480	KA	4.0	0.85	132	84	77	426	.16-12	615	.16-05	595	.17-02	igor	
Pentax	SMC Pentax-A* ED 400/2.8 IF	400	2.8	640	KA	4.5	6.00	325	165	49	2301	.15-12			2900	.15-04	keh	3900 .09-10 b&h
Pentax	SMC Pentax-M, -A 400/5.6	400	5.6	640	K	5.0	1.22	277	85	77	303	.16-07	459	.16-03	379	.15-10	ctc	600 .16-08 kevin
Pentax	SMC Pentax 500/4.5 (ma)	500	4.5	800	K	10.0	3.37	440	127	52	516	.16-08	800	.15-04	415	.13-08	keh	800 .16-05 b&h
Pentax	SMC Pentax-FA* 600/4	600	4	960	KAF	5.0	6.80	457	176	150-43	4633	.16-11	7650	.15-07				
Pentax	SMC Pentax-A* 600/5.6 ED IF	600	5.6	960	KA	5.5	3.28	386	133	112-49	2375	.17-03	2849	.17-03	1695	.09-09	camW	
Pentax	SMC Pentax 1000/8	1000	8	1600	KA	30.0	5.29	738	143	52	0		4225	.17-03				
Pentax	SMC Pentax-A* ED 1200/8 IF	1200	8	1920	KA	8.0	8.58	684	170	49	0		0					

										eBay				other suppliers						
f	f/	f(1.6x)	mt	MFD	wt	L	D	Df		E to E+		M- to N		E to E+		M- to N				
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)		\$US	date	\$US	date	\$US	date	site	\$US	date	site	
Other manual focus																				
Cosina	(Porst) Color Reflex / MC	55	1.2	88	x	0.6	0.35		55	347	.16-12	869	.13-12				600	.16-08	kevin	
Cosina	Revuenon 55/1.2	55	1.2	88	K	0.6			58	387	.17-05	481	.16-03							
Tomioaka	Auto Tominon/Auto Revuenon	55	1.2	88	x					519	.16-12	1132	.16-03							
Tomioaka	Auto Yashinon/Cosinon	55	1.2	88	x					497	.16-01	664	.16-09							
Yashica	Yashica Lens ML	55	1.2	88	x					531	.14-06	695	.16-09							
Tomioaka	Yashinon macro	60	2.8	96	x					215	.16-10	334	.14-11							
Fuji Photo	EBC Fujinon-Fisheye 16/2.8	16	2.8	26	M42	0.3	0.43		b.i.	205	.16-09	299	.15-12				1000	.16-08	kevin	
Fuji Photo	EBC Fujinon-SW 19/3.5	19	3.5	30	M42	0.3	0.26		72	297	.16-05	427	.15-07				900	.16-08	kevin	
Fuji Photo	EBC Fujinon-SW 24/2.8	24	2.8	38	M42	0.3	0.18		49	159	.15-12	280	.16-09				350	.16-08	kevin	
Fuji Photo	EBC Fujinon-W 35/1.9	35	1.9	56	M42	0.4	0.23		49	250	.13-10	309	.16-01				500	.16-08	kevin	
Fuji Photo	EBC Fujinon-W 35/2.8	35	2.8	56	M42	0.4	0.19	44	60	112	.15-01	152	.17-05							
Fuji Photo	EBC Fujinon 50/1.4	50	1.4	80	M42	0.5	0.27	43	63	125	.16-09	209	.17-05	250	.16-08	kevin	325	.16-08	kevin	
Fuji Photo	EBC Fujinon Macro 55/3.5	55	3.5	88	M42	0.4	0.19		49	100	.17-05	272	.16-05	275	.16-08	kevin	400	.16-08	kevin	
Fuji Photo	EBC Fujinon 85/4 soft	85	4	136	M42	1.0	0.29		49	535	.16-09	802	.15-03	850	.16-08	kevin	950	.16-08	kevin	
Fuji Photo	EBC Fujinon 100/2.8	100	2.8	160	M42	1.2	0.25		49	144	.16-02	217	.15-11				250	.16-08	kevin	
Fuji Photo	EBC Fujinon-T 135/2.5	135	2.5	216	M42	1.5	0.43	80	66	166	.16-03	276	.16-05	180	.16-05	kenmore				
Irix	15/2.4 Firefly	15	2.4	24	EFx	0.3	0.61	100	114	95	0		472	.17-01						
Irix	15/2.4 Blackstone	15	2.4	24	EFx	0.3	0.69	100	114	95	0		702	.16-12						
Mamiya	mamiya/sekor AUTO 21/4 SX	21	4	34	M42	0.5	0.22	49	62	58	139	.16-02	218	.13-10						
Mamiya	mamiya/sekor AUTO 35/2.8 SX	35	2.8	56	M42	0.4	0.21		52	78	.13-01	0								
Mamiya	mamiya/sekor AUTO 50/1.4 SX	50	1.4	80	M42	0.5	0.21		49	107	.16-01	0								
Mamiya	macro Sekor 60/2.8 [1:1]	60	2.8	96	M42	0.2	0.40	66	66	58	190	.16-05	263	.14-06	204	.13-04	ado			
Mamiya	mamiya/sekor AUTO 85/1.7 SX	85	1.7	136	M42	0.9	0.50		58	493	.16-12	0								
Minolta	MC Rokkor-X 58/1.2	58	1.2	93	MD	0.6	0.46	54	69	55	387	.17-05	559	.16-10	450	.13-07	b&h			
Samyang	14/2.4 SP	14	2.4	22	EFx	0.3	0.79	109	95	x	0		0							
Samyang	14/2.8 AS UMC	14	2.8	22	EFx	0.3	0.57	94	87	x	214	.17-01	278	.16-08	250	.15-11	ado	225	.16-12	camW
Samyang	20/1.8 AS UMC	20	1.8	32	EFx	0.2	0.50	88	83	77	0		0							
Samyang	24/1.4 AS UMC	24	1.4	38	EFx	0.3		98	83	77	361	.16-08	414	.16-08				468	.14-08	keh
Samyang	24/3.5 ED AS UMC T-S	24	3.5	38	EFx	0.2	0.68	113	45	82	506	.16-10	690	.16-05	570	.16-01	LA			
Rokinon	35/1.4 AS UMC	35	1.4	56	EFx	0.3	0.42	77	83	77	264	.16-12	359	.16-03	315	.15-11	ado	350	.16-01	b&h
Rokinon	50/1.4 AS UMC	50	1.4	80	EFx	0.5	0.54	74	81	77	200	.17-05	233	.16-01	280	.15-11	ado	400	.15-03	b&h
Rokinon	85/1.2 SP	85	1.2	136	EFx	0.8	1.05	98	93	86	0		0					1000	.17-01	b&h
Rokinon	85/1.4 Aspherical IF	85	1.4	136	EFx	1.0	0.54	75	78	72	189	.17-05	226	.17-04	210	.14-08	b&h	285	.16-09	d'town
Samyang	100/2.8 ED UMC Macro	100	2.8	160	EFx	0.3	0.72	123	73	67	0		399	.16-01				550	.15-07	b&h
Rokinon	135/2 ED UMC	135	2	216	EFx	0.8	0.83	122	82	77	415	.16-08	430	.16-09				550	.15-07	b&h
Venus	Laowa 12/2.8	12	2.8	19	EFx	0.2	0.61	83	75	-	0		0							
Venus	Laowa 15/4 Macro [1:1]	15	4	24	EFx	0.1	0.41	65	84	77	0		0					499	.16-07	b&h
Venus	Laowa 60/2.8 Ultra-Macro [2:1] [1]	60	2.8	96	EFx	0.2	0.50	90	75	62	0		0					399	.16-07	b&h
Venus	Laowa 105/2 Apod Smooth Trans	105	2	168	EFx	0.9	0.75	99	76	67	0		0					699	.16-07	b&h

Medium Format Lenses		f (mm)	f/ (mm)	f(1.6x) (mm)	mt	MFD (m)	wt (kg)	L (mm)	D (mm)	Df (mm)	eBay		other suppliers							
											E to E+		M- to N		E to E+		M- to N			
											\$US	date	\$US	date	\$US	date	site	\$US	date	site
Mamiya M645 manual focus																				
Mamiya	Mamiya-Sekor C 24/4 ULD FE	24	4	38	M645	0.3	0.79	82	100	b.i.	586	.16-09	950	.15-04	1169	.15-04	keh	1480	.14-01	keh
Mamiya	Mamiya-Sekor C 35/3.5 N	35	3.5	56	M645	0.5	0.45	61	80	77	209	.16-12	286	.17-05	300	.17-03	k'more	225	.16-01	igor
Mamiya	Mamiya-Sekor C 45/2.8 N	45	2.8	72	M645	0.5	0.48	70	71	67	135	.17-05	182	.17-01	151	.16-12	ctc	380	.13-07	b&h
Mamiya	Mamiya-Sekor C 50/4 Shift	50	4	80	M645	0.5	0.74	105	80	77	398	.16-12	517	.16-01	395	.16-01	igor	600	.14-03	b&h
Mamiya	Mamiya-Sekor C 55/2.8 N	55	2.8	88	M645	0.5	0.31	59	70	58	129	.16-09	173	.16-12	133	.16-01	keh	170	.16-01	b&h
Mamiya	Mamiya-Sekor C 80/1.9	80	1.9	128	M645	0.7	0.42	59	76	67	214	.17-04	290	.17-04	225	.16-01	igor			
Mamiya	Mamiya-Sekor C 80/1.9 N	80	1.9	128	M645						190	.16-12	323	.17-05	450	.16-01	keh			
Mamiya	Mamiya-Sekor C 80/2.8 N	80	2.8	128	M645	0.7	0.22	43	70	58	98	.16-04	147	.17-05	90	.16-01	keh	120	.15-04	keh
Mamiya	Mamiya-Sekor C 80/4 N Macro	80	4	128	M645	0.4	0.59	75	79	67	135	.16-12	210	.17-05	113	.16-03	ctc	275	.15-01	igor
Mamiya	Mamiya-Sekor C 110/2.8 N	110	2.8	176	M645	1.2	0.39	60	70	58	121	.16-09	199	.16-09	110	.15-03	keh	150	.16-01	b&h
Mamiya	Mamiya-Sekor C 145/4 SF	145	4	232	M645	1.2	0.90	116	80	77	118	.17-04	217	.16-01	170	.15-04	ado	400	.16-01	b&h
Mamiya	Mamiya-Sekor C 150/3.5 N	150	3.5	240	M645	1.5	0.42	80	70	58	108	.16-12	151	.16-08	75	.16-03	ctc	130	.16-01	b&h
Mamiya	Mamiya-Sekor C 210/4 N	210	4	336	M645	2.5	0.72	137	70	58	90	.15-09	150	.16-08	62	.16-01	keh	98	.16-05	ctc
Mamiya	Mamiya-Sekor C 300/5.6 N	300	5.6	480	M645	4.0	0.70	164	71	58	130	.17-04	160	.16-09	350	.16-01	b&h	400	.13-07	b&h
Mamiya	Mamiya-Sekor C 500/5.6	500	5.6	800	M645	9.0	2.28	358	114	105	266	.16-10	401	.17-01	400	.15-04	ado	700	.13-07	b&h
Mamiya	Mamiya-Sekor C 500/8 Reflex	500	8	800	M645	4.0	0.88	163			232	.16-04	361	.16-05						
Mamiya	Mamiya A 120/4 Macro	120	4	192	M645	0.4	0.75	111	77	67	263	.16-09	373	.16-05	296	.16-12	ctc	450	.16-01	b&h
Mamiya	Mamiya A 150/2.8	150	2.8	240	M645	1.5	0.74	107	75	67	196	.16-12	296	.17-04	280	.16-01	keh			
Mamiya	Mamiya A 200/2.8 APO	200	2.8	320	M645	2.5	1.10	144	91	77	671	.16-10	999	.16-12	850	.13-07	b&h	1080	.14-01	keh
Mamiya	Mamiya A 300/2.8 APO	300	2.8	480	M645	3.5	2.70	237	140	43.5di	1806	.14-07	3482	.16-12	1995	.10-05	igor	2200	.10-06	ffordes
Mamiya	Mamiya A 500/4.5 APO	500	4.5	800	M645	5.0	5.40	378	162	43.5di	2300	.09-03	5600	.16-04	3350	.09-05	b&h	17.4k	.10-02	mpex
Mamiya	Mamiya C 55-110/4.5 N	55-110	4.5		M645	1.5	0.80	104		67	124	.16-12	191	.16-01	165	.15-04	b&h	197	.16-01	b&h
Mamiya	Mamiya C ULD 105-210/4.5	105-210	4.5		M645	1.8	0.88	158	75	58	121	.16-09	186	.16-01	150	.16-01	b&h	350	.12-12	b&h
Schneider-Kreusnach manual focus																				
Sch-K	Curtagon MF 60/3.5	60	3.5	96	P6	0.6	0.57	84	81	67	639	.15-07	999	.16-01						
Sch-K	Xenotar MF 80/2.8	80	2.8	128	P6	0.6	0.50	72	84	67	795	.17-03	1091	.16-08				1145	.14-10	igor
Sch-K	Tele-Xenar MF 150/4	150	4	240	P6	1.5	0.76	101	84	67	540	.15-01	988	.15-08						
Sch-K	Tele-Xenar MF 250/5.6	250	5.6	400	P6	3.0	0.90	168	84	67	660	.11-12	1350	.12-12						
Pentax P645 manual and autofocus																				
Pentax	SMC Pentax-A 645 35/3.5	35	3.5	56	P645	0.3	0.47	67	80	77	420	.16-08	558	.16-10	610	.15-04	ado			
Pentax	SMC Pentax-FA 645 35/3.5	35	3.5	56	P645	0.3	0.56	90	88	82	941	.16-09	1162	.15-11	987	.15-04	ctc			
Pentax	SMC Pentax-A 645 55/2.8	55	2.8	56	P645	0.5	0.41	61	74	58	129	.16-09	180	.17-05	200	.15-04	b&h	220	.16-01	b&h
Pentax	SMC Pentax-FA 645 55/2.8 AL	55	2.8	56	P645	0.5	0.42	68	81	67	0		0					920	.14-01	keh
Pentax	SMC Pentax-A 645 75/2.8	75	2.8	56	P645	0.6	0.24	38	74	58	157	.17-05	219	.17-05	113	.15-04	ctc	315	.15-11	jack's
Pentax	SMC Pentax-FA 645 75/2.8	75	2.8	56	P645	0.6	0.22	37.5	75	58	210	.16-03	380	.16-12						
Pentax	SMC Pentax-A 645 120/4 Mac	120	4	56	P645	0.4	0.70	110	79	67	197	.16-12	282	.16-08				350	.14-01	v.v
Pentax	SMC Pentax-FA 645 120/4 Mac	120	4	56	P645	0.4	0.74	110	83	67	249	.15-11	613	.17-05						

Medium Format Lenses		f (mm)	f/ (mm)	f(1.6x) (mm)	mt	MFD (m)	wt (kg)	L (mm)	D (mm)	Df (mm)	eBay		other suppliers						
											E to E+		M- to N		E to E+		M- to N		
											\$US	date	\$US	date	\$US	date	site	\$US	date
Fujifilm GFX autofocus												0.8							
Fujifilm	GF 23/4 R LM WR	23	4	18	GFX	0.4	0.85	103	90	82							2600	.17-04	b&h
Fujifilm	GF 63/2.8 R WR	63	2.8	50	GFX	0.5	0.41	71	84	62							2300	.17-04	b&h
Fujifilm	GF 110/2.8 R LM WR	110	2.8	88	GFX	0.9	1.01	126	94	77							2800	.17-04	b&h
Fujifilm	GF 120/4 Macro R LM OIS	120	4	96	GFX	0.5	0.98	153	89	72							2700	.17-04	b&h
Fujifilm	GF 32-64/4 R LM WR	32-64	4	25-50	GFX	0.5	0.88	116	93	77							1500	.17-04	b&h

											eBay		other suppliers							
f	f/	f(1.5x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N					
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site		
Fujifilm XF autofocus																				
Fujifilm	Fujinon XF 14/2.8 R	14	2.8	21	X	0.2	0.24	58	65	58	442	.16-12	532	.17-05	401	.16-08	camtec	560	.16-01	LA
Fujifilm	Fujinon XF 16/1.4 R WR	16	1.4	24	X	0.2	0.38	73	73	67	648	.16-09	779	.17-05				1000	.16-09	b&h
Fujifilm	Fujinon XF 18/2 R	18	2	27	X	0.2	0.12	41	65	52	250	.17-05	297	.17-05	328	.15-04	keh	450	.17-05	camW
Fujifilm	Fujinon XF 23/1.4 R	23	1.4	35	X	0.3	0.30	63	72	62	495	.17-04	618	.17-05	572	.15-04	keh	570	.15-04	camtec
Fujifilm	Fujinon XF 23/2 R	23	2	35	X	0.2	0.18	52	60	43	0		450	.17-05				450	.16-09	b&h
Fujifilm	Fujinon XF 27/2.8 R	27	2.8	41	X	0.3	0.08	23	61	39	207	.17-05	265	.17-05	204	.16-12	ctc	200	.14-03	ado
Fujifilm	Fujinon XF 35/1.4 R	35	1.4	53	X	0.3	0.19	55	65	52	309	.16-12	396	.17-05	341	.16-05	ctc	361	.16-05	d'town
Fujifilm	Fujinon XF 35/2 R WR	35	2	53	X	0.4	0.17	46	60	43	288	.16-12	324	.17-05				400	.15-11	b&h
Fujifilm	Fujinon XF 50/2 R WR	50	2	75	X		0.20			46	0		440	.17-05						
Fujifilm	Fujinon XF 56/1.2 R	56	1.2	84	X	0.7	0.41	70	73	62	612	.16-12	743	.17-05				850	.16-01	ado
Fujifilm	Fujinon XF 56/1.2 R APD	56	1.2	84	X	0.7	0.41	70	73	62	682	.16-12	745	.16-04	1050	.15-04	b&h	1120	.16-01	LA
Fujifilm	Fujinon XF 60/2.4 R Macro	60	2.4	90	X	0.3	0.22	71	64	39	278	.16-12	372	.17-05	341	.16-12	ctc	475	.17-05	camW
Fujifilm	Fujinon XF 90/2 R LM WR	90	2	135	X	0.6	0.54	105	75	62	672	.17-04	701	.17-05				950	.16-09	b&h
Fujifilm	Fujinon XF 10-24/4 R OIS	10-24	4	15-35	X	0.2	0.41	87	78	72	646	.16-08	751	.17-05	650	.16-01	ado	570	.16-03	camtec
Fujifilm	Fujinon XC 16-50/3.5-5.6 OIS	16-50	3.5-5.6	24-75	X	0.3	0.20	65	63	58	114	.16-05	150	.17-04	130	.16-01	LA	210	.16-01	keh
Fujifilm	Fujinon XF 16-55/2.8 R LM WR	16-55	2.8	24-85	X	0.3	0.66	106	83	77	804	.17-04	870	.16-12				1000	.15-04	b&h
Fujifilm	Fujinon XF 18-55/2.8-4 R LM OIS	18-55	2.8-4	27-85	X	0.3	0.31	70	65	58	270	.17-05	355	.17-05	400	.17-03	prec'n	304	.16-08	camtec
Fujifilm	Fujinon XF 18-135/2.8-4 R LM OIS	18-135	3.5-5.6	27-200	X	0.5	0.49	98	76	67	426	.16-09	546	.17-05	455	.16-12	ctc	467	.16-09	camtec
Fujifilm	Fujinon XF 50-140/2.8 R LM OIS WR	50-140	2.8	75-210	X	1.0	1.00	175	83	72	1103	.16-10	1178	.17-05	1240	.16-01	ado	1600	.16-02	henry's
Fujifilm	Fujinon XC 50-230/4.5-6.7 OIS	50-230	4.5-6.7	75-345	X	1.1	0.38	111	70	58	141	.16-12	204	.17-05	128	.16-12	ctc	260	.15-04	b&h
Fujifilm	Fujinon XF 55-200/3.5-4.8 R LM OIS	55-200	3.5-4.8	85-300	X	1.1	0.58	118	75	62	316	.17-04	459	.17-05	372	.16-01	ctc	470	.16-01	LA
Fujifilm	Fujinon XF 100-400mm R LM OIS WR	100-400	4.5-5.6	150-600	X	1.8	1.38	211	95	82	1575	.16-05	1424	.16-08				1900	.16-02	b&h
Fujifilm	XF 1.4x TC WR Teleconverter	1.4x	1.4x	-	X	-	0.13	15	58	-	0		366	.16-09				450	.16-02	b&h
Fujifilm	WCL-X70 wide conversion	14	-	21	M49	-	0.15	37	55	49	0		0					200	.16-07	b&h
Fujifilm	WCL-X100 wide conversion	19	-	28	M49	-	0.15	37	55	49	167	.17-05	205	.17-04				167	.16-12	camtec
Fujifilm	TCL-X100 normal conversion	35	-	50	M49	0.1	0.18	47	70	67	175	.17-04	213	.17-05				163	.16-03	camtec
Zeiss X autofocus																				
Zeiss	Touit 12/2.8	12	2.8	18	X	0.2	0.26	68	88	67	512	.16-09	605	.17-05				600	.16-05	keh
Zeiss	Touit 32/1.8	32	1.8	48	X	0.3	0.21	58	75	52	339	.17-04	458	.17-01	367	.16-05	keh	513	.17-03	d'town
Zeiss	Touit 50/2.8 Macro	50	2.8	75	X	0.2	0.29	91	65	52	605	.17-04	675	.17-04				792	.16-01	keh
Rokinon/Samyang X manual focus																				
Rokinon	10/2.8 NCS	10	2.8	15	X	0.2	0.63	106	86	x	0		294	.16-08				420	.16-09	b&h
Rokinon	12/2 NCS	12	2	18	X	0.2	0.26	59	73	67	224	.16-09	269	.17-05				366	.16-09	b&h
Rokinon	14/2.8 ED AS UMC	14	2.8	21	X	0.3	0.58	122	87	x	0		222	.17-05				330	.16-09	b&h
Samyang	16/2 ED AS UMC	16	2	24	X	0.2	0.58	115	83	77	0		0					280	.16-01	LA
Rokinon	20/1.8 ED AS UMC	20	1.8	30	X	0.2	0.57	115	83	77	0		0					600	.16-09	b&h
Rokinon	21/1.4	21	1.4	32	X	0.3	0.29	68	64	58	0		0					390	.16-09	b&h
Rokinon	35/1.2 ED AS UMC	35	1.2	53	X	0.4	0.43	75	68	62	0		0					500	.16-09	b&h
Rokinon	50/1.2 UMC	50	1.2	75	X	0.5	0.38	75	68	62	0		290	.16-08				500	.16-09	b&h
Rokinon	85/1.4 Asp	85	1.4	128	X	1.0	0.61	101	78	72	219	.16-12	279	.16-09				260	.16-09	b&h

											eBay		other suppliers								
f	f/	f(1.5x)	mt	MFD	wt	L	D	Df			E to E+	M- to N	E to E+		M- to N						
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)			\$US	date	\$US	date	\$US	date	site	\$US	date	site	
Voigtlander LM/LTM manual focus											CF > 1.6										
Voigtlander	10/5.6 Heliar	Hyper-Wide	10	5.6	16	LM	0.3	0.37	74	68	x	0		0				1100	.16-09	c'quest	
Voigtlander	12/5.6 ASPH UW Heliar		12	5.6	19	LTM	0.3	0.16	38	51	77*	446	.17-05	584	.16-08	400	.16-01	b&h	565	.17-05	igor
Voigtlander	12/5.6 ASPH UW Heliar II		12	5.6	19	LM	0.7	0.23	43	75	67	415	.17-05	577	.17-05	600	.17-05	b&h	620	.16-08	keh
Voigtlander	12/5.6 ASPH UW Heliar III		12	5.6	19	LM	0.3	0.28	58	65	x	0		1000	.17-05						
Voigtlander	15/4.5 ASPH SW Heliar DS		15	4.5	24	LTM	0.3	0.11	31	50	77*	317	.17-05	393	.17-05	275	.17-05	igor	470	.17-05	keh
Voigtlander	15/4.5 ASPH SW Heliar II		15	4.5	24	LM	0.5	0.16	38	59	52	339	.17-05	447	.17-05	430	.17-05	b&h	420	.17-05	igor
Voigtlander	15/4.5 ASPH SW Heliar V III		15	4.5	24	LM	0.3	0.29	68	66	58	523	.17-04	638	.17-05	698	.17-05	keh	650	.17-05	fm
Voigtlander	21/1.8 ASPH Ultron		21	1.8	34	LM	0.7	0.41	78	69	58	716	.17-05	1037	.17-03	800	.16-09	c'quest	900	.17-05	b&h
Voigtlander	21/4 Color Skopar P		21	4	34	LTM	0.5	0.11	29	55	39	248	.17-05	309	.17-05	284	.17-05	ado	400	.17-05	keh
Voigtlander	21/4 Color Skopar P		21	4	34	LM	0.3	0.14	24	55	39	266	.17-05	327	.17-04	367	.17-05	keh	420	.16-09	c'quest
Voigtlander	25/4 Snapshot-Skopar		25	4	40	LTM	0.6	0.09	30	50	39	247	.17-05	365	.17-05	265	.17-05	ctc	370	.17-05	ado
Voigtlander	25/4 Snapshot-Skopar (D)		25	4	40	LM	0.7	0.17	24	50	39	240	.16-09	342	.17-04	325	.09-10	keh	375	.17-05	b&h
Voigtlander	28/1.9 ASPH Ultron (D)		28	1.9	45	LTM	0.7	0.26	47	53	46	289	.17-05	512	.17-05				0		
Voigtlander	28/2 Ultron		28	2	45	LM	0.7	0.24	51	55	46	368	.17-05	478	.17-05	470	.16-01	b&h	599	.17-05	c'quest
Voigtlander	28/3.5 Color Skopar II		28	3.5	45	LTM	0.7	0.16	19	49	39	413	.17-04	478	.17-05				330	.09-07	c'quest
Voigtlander	35/1.2 Nokton ASPH		35	1.2	56	LM	0.7	0.49	78	63	52	781	.16-08	0		800	.16-09	c'quest	1199	.12-04	c'quest
Voigtlander	35/1.2 Nokton ASPH II		35	1.2	56	LM	0.5	0.47	62	61	52	632	.17-05	799	.17-05	850	.16-08	keh	1010	.16-08	d'town
Voigtlander	35/1.4 MC/SC Nokton		35	1.4	56	LM	0.7	0.20	29	55	43	421	.17-05	497	.17-05	475	.17-05	prec'n	629	.17-05	ado
Voigtlander	35/1.7 ASPH Ultron		35	1.7	56	LTM	0.9	0.23	40	55	39	335	.17-05	421	.17-05	432	.16-08	keh	980	.16-09	c'quest
Voigtlander	35/1.7 ASPH Ultron (D)		35	1.7	56	LM	0.7	0.33	51	53	46	345	.17-04	676	.17-05				798	.17-05	d'town
Voigtlander	35/2.5 Color-Skopar C		35	2.5	56	LTM	0.8	0.14	30	50	43	221	.17-05	275	.17-05				345	.17-05	igor
Voigtlander	35/2.5 Color-Skopar P		35	2.5	56	LTM	0.9	0.14	30	50	43	258	.17-05	329	.17-05	210	.17-05	ppro			
Voigtlander	35/2.5 Color-Skopar P II		35	2.5	56	LM	0.7	0.13	23	55	39	226	.17-05	329	.17-05	328	.16-08	keh	426	.17-05	camtec
Voigtlander	40/1.4 MC/SC Nokton		40	1.4	64	LM	0.7	0.20	40	55	43	316	.17-05	388	.17-05	380	.17-05	ado	399	.17-05	d'town
Voigtlander	50/1.1 Nokton		50	1.1	80	LM	1.0	0.43	57	70	58	568	.17-05	677	.17-05	792	.17-05	keh	700	.16-09	c'quest
Voigtlander	50/1.5 ASPH Nokton		50	1.5	80	LTM	0.9	0.28	45	58	52	368	.16-08	544	.17-05	500	.17-05	keh	790	.16-08	d'town
Voigtlander	50/1.5 ASPH Nokton (bk)		50	1.5	80	LM	0.7	0.22	48	54	49	382	.17-05	612	.17-05	500	.16-09	keh	700	.17-05	b&h
Voigtlander	50/2 Heliar (D) collapsible		50	2	80	LM	1.0	0.30	30	51	39	0		658	.17-05				495	.17-05	igor
Voigtlander	50/2.5 Color-Skopar		50	2.5	80	LTM	0.8	0.24	27	50	39	281	.17-05	394	.17-05				290	.09-07	c'quest
Voigtlander	50/3.5 Heliar (D) collapsible		50	3.5	80	LTM	1.0	0.17	28	47	27	376	.17-05	565	.17-05				650	.16-09	c'quest
Voigtlander	75/1.8 Heliar Classic		75	1.8	120	LM	0.9	0.43	74	58	52	421	.17-05	515	.17-05	500	.17-05	ado	560	.17-05	ado
Voigtlander	75/2.5 Color Heliar		75	2.5	120	LTM	1.0	0.26	51	55	43	258	.17-05	399	.17-05	468	.17-05	keh	690	.16-09	c'quest
Voigtlander	90/3.5 Apo Lanthar		90	3.5	144	LTM	1.0	0.26	90	51		324	.16-10	0		350	.17-05	prec'n	300	.16-08	b&h
Voigtlander	90/3.5 Color Heliar		90	3.5	144	LTM	1.0	0.29	69	51	43	0		0		265	.09-12	jack	280	.09-07	c'quest

											eBay		other suppliers							
f	f/	f(1.5x)	mt	MFD	wt	L	D	Df	E to E+		M- to N		E to E+		M- to N					
(mm)		(mm)		(m)	(kg)	(mm)	(mm)	(mm)	\$US	date	\$US	date	\$US	date	site	\$US	date	site		
Zeiss ZM manual focus											CF > 1.6									
Zeiss	Distagon 15/2.8 ZM	15	2.8	24	ZM	0.3	0.50	86	72	0		2823	.17-04			6300	.16-09	camtec		
Zeiss	Distagon 18/4 ZM	18	4	29	ZM	0.5	0.32	47	58	675	.17-05	778	.17-05			889	.16-09	camtec		
Zeiss	Biogon 21/2.8 ZM	21	2.8	34	ZM	0.5	0.30	51	53	669	.17-05	858	.17-05	900	.17-05	ado	1060	.17-05	d'town	
Zeiss	C Biogon 21/4.5 ZM	21	4.5	34	ZM	0.5	0.19	31	53	657	.17-04	810	.17-05	795	.17-05	igor	745	.17-05	igor	
Zeiss	Biogon 25/2.8 ZM	25	2.8	40	ZM	0.5	0.26	47	53	557	.17-05	703	.17-05	900	.17-05	ado	1201	.16-08	b&h	
Zeiss	Biogon 28/2.8 ZM	28	2.8	45	ZM	0.5	0.22	51	53	659	.17-05	724	.17-05	792	.17-05	keh	880	.17-05	keh	
Zeiss	Distagon 35/1.4 ZM	35	1.4	56	ZM	0.7	0.38	65	63	0		1394	.17-05							
Zeiss	Biogon 35/2 ZM	35	2	56	ZM	0.7	0.24	44	53	539	.17-05	718	.17-05	780	.17-05	ado	750	.17-05	igor	
Zeiss	Biogon 35/2.8 ZM	35	2.8	56	ZM	0.7	0.20	33	52	534	.17-05	662	.17-05							
Zeiss	C Sonnar 50/1.5 ZM	50	1.5	80	ZM	0.9	0.25	45	56	638	.17-05	812	.17-05							
Zeiss	Planar 50/2 ZM	50	2	80	ZM	0.2	0.29	43	52	502	.17-05	617	.17-05	569	.17-05	ado	575	.17-05	igor	
Zeiss	Tele-Tessar 85/4 ZM	85	4.0	136	ZM	0.2	0.29	69	54	640	.17-05	759	.17-05	720	.16-08	b&h	888	.17-05	camtec	
Zeiss Contax G auto focus																				
Contax G	Hologon 16/8	16	8	26	G	0.3	0.13	11	57	x	985	.17-05	1364	.17-05	1345	.17-05	igor			
Contax G	Biogon 21/2.8	21	2.8	34	G	0.5	0.18	36	59	55	501	.17-05	587	.17-05						
Contax G	Biogon 28/2.8	28	2.8	45	G	0.5	0.15	31	56	46	229	.17-05	310	.17-05	192	.17-05	keh			
Contax G	Planar 35/2	35	2	56	G	0.5	0.15	32	56	46	251	.17-05	398	.17-05				595	.17-05	igor
Contax G	Planar 45/2	45	2	72	G	0.5	0.19	39	56	46	260	.17-05	348	.17-05	530	.17-05	keh			
Contax G	Sonnar 90/2	90	2	144	G	1.0	0.19	63	56	46	144	.17-05	193	.17-05				225	.17-05	camW
Contax G	v.Sonnar 35-70/3.5-5.6	35-70	3.5-5.6	56-112	G	1.0	0.29	72	56	46	0		400	.17-05	430	.17-05	UPpro			
Canon RF manual focus																				
Canon RF	S 19/3.5 bk	19	3.5	30	LTM	0.5	0.20	31	59	55	452	.16-12	799	.16-03				2000	.16-09	c'quest
Canon RF	S 25/3.5 sv	25	3.5	40	LTM						500	.17-05	680	.17-05						
Canon RF	S 28/3.5 sv	28	3.5	45	LTM						405	.17-05	580	.17-05						
Canon RF	S 35/1.5 bk	35	1.5	56	LTM						693	.17-05	1115	.17-05						
Canon RF	S 35/1.8 bk/sv	35	1.8	56	LTM	1.0	0.13	28	48	40	294	.17-05	409	.16-12	487	.16-01	keh	550	.16-08	kevin
Canon RF	S 35/2 bk	35	2	56	LTM	1.0	0.11	28	49	40	309	.17-05	425	.17-05	262	.17-05	ctc	395	.14-03	igor
Canon RF	S 35/2.8 bk	35	2.8	56	LTM						207	.17-05	243	.17-05						
Canon RF	S 50/0.95 bk	50	0.95	80	LTM	1.1	0.61	48	79	72	2055	.16-12	2821	.16-12	1725	.13-07	igor	2400	.15-06	kevin
Canon RF	S 50/1.2 bk	50	1.2	80	LTM	1.1	0.33	39	62	55	353	.17-05	548	.17-05	395	.17-05	igor	900	.16-08	kevin
Canon RF	S 50/1.4 bk	50	1.4	80	LTM	1.0	0.25	42	55	48	228	.17-05	338	.17-05	525	.16-08	kevin	685	.16-08	kevin
Canon RF	S 50/1.5 Serenar sv	50	1.5	80	LTM	1.0	0.30			40	264	.17-05	367	.16-09	295	.16-09	igor	850	.16-08	kevin
Canon RF	S 50/1.8 bk	50	1.8	80	LTM	1.0	0.19	39	48	40	80	.17-05	166	.17-05	125	.16-12	camW	290	.16-01	keh
Canon RF	S 85/1.5 Serenar sv	85	1.5	136	LTM	1.0	0.73	83	63	60	735	.16-09	0		1150	.16-08	kevin	1850	.16-08	kevin
Canon RF	S 85/1.8 bk	85	1.8	136	LTM	1.0	0.47	68	64	58	782	.17-05	1062	.17-05	750	.15-06	kevin	1500	.16-08	kevin
Canon RF	S 100/2 bk	100	2	160	LTM	1.0	0.52	91	63	58	395	.17-05	570	.17-05	775	.16-08	kevin	1100	.16-08	kevin
Canon RF	S 135/3.5 III bk	135	3.5	216	LTM	1.5	0.42	97	54	48	101	.17-05	132	.17-05	133	.16-05	v.v			