



## Stock – Aspheric Lenses

Part Number	Focal Length (mm)	Back Focal Length (mm)	Diameter (mm)	Thickness (mm)	Material	Price (USD)
AVTJF-0001	3.1	1.9	5	2	H-F4	\$20.00
AVTJF-0002	3.7	2.4	5	2	H-K51	\$20.00
AVTJF-0003	4	1.4	5	3.9	H-K51	\$20.00
AVTJF-0004	5.6	3.3	8	4	H-ZK2	\$20.00
AVTJF-0005	6	4.2	6.7	2.8	H-K51	\$20.00
AVTJF-0006	6.5	3.2	10	5	H-K51	\$20.00
AVTJF-0007	6.6	4.3	7.5	3.5	H-K51	\$20.00
AVTJF-0008	7.4	4.8	8.5	4	H-K51	\$20.00
AVTJF-0009	7.5	4.6	12	5.5	H-K51	\$20.00
AVTJF-0010	7.6	4	13	6.3	H-K51	\$20.00
AVTJF-0011	8	3.5	10	6.8	H-K51	\$20.00
AVTJF-0012	8	3.7	12.7	7.5	H-K51	\$20.00
AVTJF-0013	8.1	2.9	15	8.5	H-K51	\$20.00
AVTJF-0014	8.3	5.6	16	7	H-K9L	\$25.00



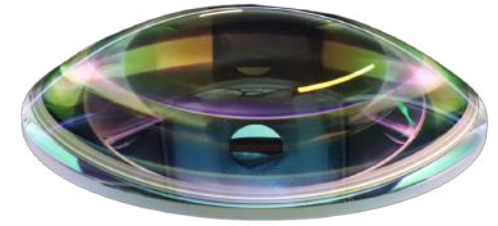
## Stock – Aspheric Lenses

Part Number	Focal Length (mm)	Back Focal Length (mm)	Diameter (mm)	Thickness (mm)	Material	Price (USD)
AVTJF-0015	8.5	8	12	5.6	H-K51	\$30.00
AVTJF-0016	9	8	6.3	1.7	H-K51	\$20.00
AVTJF-0017	10	4.9	12.5	7.7	H-K51	\$20.00
AVTJF-0018	10.4	7.4	12	5.6	H-K51	\$20.00
AVTJF-0019	10.5	7.2	12	6	H-K51	\$20.00
AVTJF-0020	11	6	16	8	H-F4	\$20.00
AVTJF-0021	11.1	5	19.9	10.9	H-K51	\$25.00
AVTJF-0022	12	6.3	15	8.6	H-K51	\$20.00
AVTJF-0023	12.4	9.5	12	4.5	H-K51	\$20.00
AVTJF-0024	12.5	7.1	20	9	H-ZF2	\$200.00
AVTJF-0025	13.5	8.6	18	7.4	H-K51	\$20.00
AVTJF-0026	14	10.2	12.9	5.7	H-K9L	\$20.00
AVTJF-0027	15	10	20	9	H-K51	\$20.00
AVTJF-0028	15.3	14.6	24	9	H-F3	\$25.00



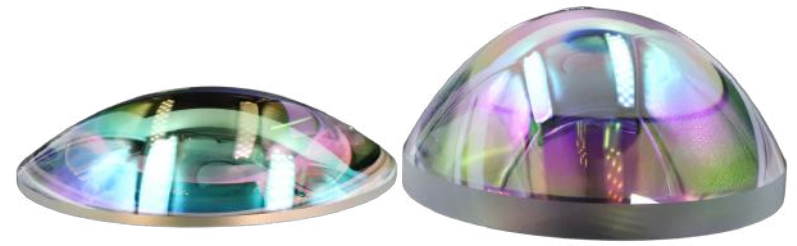
## Stock – Aspheric Lenses

Part Number	Focal Length (mm)	Back Focal Length (mm)	Diameter (mm)	Thickness (mm)	Material	Price (USD)
AVTJF-0029	15.3	10.7	18	7	H-K9L	\$25.00
AVTJF-0030	16	9.1	20	10.5	H-K51	\$20.00
AVTJF-0031	16	7.3	25.4	14	H-K51	\$25.00
AVTJF-0032	16.3	10.4	20	9	H-K9L	\$200.00
AVTJF-0033	16.4	12.8	20	6.4	H-K51	\$20.00
AVTJF-0034	16.7	9.5	24.9	11	H-K51	\$20.00
AVTJF-0035	17.4	12.2	20	8.3	H-K51	\$20.00
AVTJF-0036	18	11.2	24	10.4	H-K51	\$25.00
AVTJF-0037	18.3	11.4	30	14	H-K51	\$25.00
AVTJF-0038	19	15.7	12	5	H-K51	\$20.00
AVTJF-0039	19.4	14.5	26	9.1	H-K51	\$25.00
AVTJF-0040	19.7	12.9	24	10.4	H-K51	\$25.00
AVTJF-0041	19.9	11.8	25	12.3	H-K51	\$20.00
AVTJF-0042	21.6	11	34.9	19	H-K51	\$25.00



## Stock – Aspheric Lenses

Part Number	Focal Length (mm)	Back Focal Length (mm)	Diameter (mm)	Thickness (mm)	Material	Price (USD)
AVTJF-0043	23.5	15	32.5	13.5	H-K51	\$25.00
AVTJF-0044	24	14.7	30	14.1	H-K51	\$20.00
AVTJF-0045	25	19.4	25	8.5	H-K51	\$20.00
AVTJF-0046	25.6	16.7	30	13.5	H-K51	\$20.00
AVTJF-0047	26.8	20.2	30	10	H-K51	\$25.00
AVTJF-0048	28.5	18.6	40	15	H-K9L	\$40.00
AVTJF-0049	29.4	20.3	35	13.9	H-K51	\$30.00
AVTJF-0050	29.5	20.9	40	15.5	H-K9L	\$40.00
AVTJF-0051	30	19	38.4	19	H-K51	\$25.00
AVTJF-0052	32	17	50.8	25	H-K51	\$30.00
AVTJF-0053	32	20.9	45	18.5	H-K51	\$30.00
AVTJF-0054	32	20.3	40	11.8	H-K51	\$20.00
AVTJF-0055	35.8	24.8	50	16.7	H-K51	\$35.00
AVTJF-0056	39.8	25.6	60	26	H-K51	\$45.00



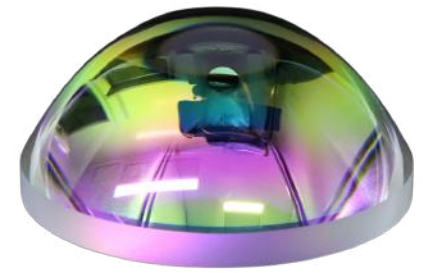
## Stock – Aspheric Lenses

Part Number	Focal Length (mm)	Back Focal Length (mm)	Diameter (mm)	Thickness (mm)	Material	Price (USD)
AVTJF-0057	40	26	50	21.4	H-K51	\$25.00
AVTJF-0058	49.2	29.5	75	30	H-K51	\$45.00

Also available in volume pricing, please contact Avantier for details.

Part Number	Dia. (mm)	EFL (mm)	NA	BFL (mm)	Substrate	Centering (arcmin)	CA (mm)	ET (mm)	CT (mm)	f/#	Shape of Back Surface	Wavelength Range (nm)	Price (USD)
AVTMF-0001	10.00 +0.0/-0.1	10.00 @ 587.6nm	0.5	7.48	L-BAL35	≤5	9	1.69	4.00 ±0.1	1	Plano	330 – 2400	\$170.00
AVTMF-0002	10.00 +0.0/-0.1	7.50 @ 587.6nm	0.67	4.51	N-SF5	≤5	9	2.21	5.00 ±0.1	0.75	Plano	380 – 2500	\$170.00
AVTMF-0003	12.50 +0.0/-0.1	12.50 @ 587.6nm	0.5	9.35	L-BAL35	≤5	11.25	2.11	5.00 ±0.1	1	Plano	330 – 2400	\$190.00
AVTMF-0004	12.50 +0.0/-0.1	9.50 @ 587.6nm	0.66	6.51	N-SF5	≤5	11.25	1.6	5.00 ±0.1	0.76	Plano	380 – 2500	\$190.00
AVTMF-0005	15.00 +0.0/-0.1	22.50 @ 587.6nm	0.33	19.98	L-BAL35	≤5	13.5	1.8	4.00 ±0.1	1.5	Plano	330 – 2400	\$210.00
AVTMF-0006	15.00 +0.0/-0.1	18.75 @ 587.6nm	0.4	15.92	L-BAL35	≤5	13.5	1.82	4.50 ±0.1	1.25	Plano	330 – 2400	\$210.00
AVTMF-0007	15.00 +0.0/-0.1	15.00 @ 587.6nm	0.5	11.54	L-BAL35	≤5	13.5	2.04	5.50 ±0.1	1	Plano	330 – 2400	\$210.00
AVTMF-0008	15.00 +0.0/-0.1	11.25 @ 587.6nm	0.66	6.85	L-BAL35	≤5	13.5	1.94	7.00 ±0.1	0.75	Plano	330 – 2400	\$210.00
AVTMF-0009	15.00 +0.0/-0.1	9.00 @ 587.6nm	0.83	4.81	N-SF5	≤5	13.5	1.35	7.00 ±0.1	0.6	Plano	380 – 2500	\$320.00

\*Dia. = Diameter



## Stock – Aspheric Lenses

Part Number	Dia. (mm)	EFL (mm)	NA	BFL (mm)	Substrate	Centering (arcmin)	CA (mm)	ET (mm)	CT (mm)	f/#	Shape of Back Surface	Wavelength Range (nm)	Price (USD)
AVTMF-0010	20.00 +0.0/-0.1	20.00 @ 587.6nm	0.5	15.19	L-BAL35	≤5	18	3.44	8.00 ±0.1	1	Convex, R2=200mm	330 – 2400	<b>\$230.00</b>
AVTMF-0011	20.00 +0.0/-0.1	15.00 @ 587.6nm	0.66	9.16	L-BAL35	≤5	18	3.05	9.60 ±0.1	0.75	Convex, R2=200mm	330 – 2400	<b>\$230.00</b>
AVTMF-0012	20.00 +0.0/-0.1	12.50 @ 587.6nm	0.8	7.12	N-SF5	≤5	18	1.91	9.00 ±0.1	0.63	Plano	380 – 2500	<b>\$340.00</b>
AVTMF-0013	25.00 +0.0/-0.1	50.00 @ 587.6nm	0.25	46.54	L-BAL35	≤5	22.5	2.8	5.50 ±0.1	2	Plano	330 – 2400	<b>\$250.00</b>
AVTMF-0014	25.00 +0.0/-0.1	37.50 @ 587.6nm	0.33	33.72	L-BAL35	≤5	22.5	2.3	6.00 ±0.1	1.5	Plano	330 – 2400	<b>\$250.00</b>
AVTMF-0015	25.00 +0.0/-0.1	31.25 @ 587.6nm	0.4	27.16	L-BAL35	≤5	22.5	2.04	6.50 ±0.1	1.25	Plano	330 – 2400	<b>\$250.00</b>
AVTMF-0016	25.00 +0.0/-0.1	25.00 @ 587.6nm	0.5	20.28	L-BAL35	≤5	22.5	1.74	7.50 ±0.1	1	Plano	330 – 2400	<b>\$250.00</b>
AVTMF-0017	25.00 +0.0/-0.1	18.75 @ 587.6nm	0.66	12.46	L-BAL35	≤5	22.5	1.63	10.00 ±0.1	0.75	Plano	330 – 2400	<b>\$250.00</b>
AVTMF-0018	25.00 +0.0/-0.1	15.00 @ 587.6nm	0.83	8.42	N-SF5	≤5	22.5	1.64	11.00 ±0.1	0.6	Plano	380 – 2500	<b>\$375.00</b>
AVTMF-0019	30.00 +0.0/-0.1	30.00 @ 587.6nm	0.5	22.99	L-BAL35	≤5	27	4.81	11.70 ±0.1	1	Convex, R2=300mm	330 – 2400	<b>\$300.00</b>
AVTMF-0020	30.00 +0.0/-0.1	22.50 @ 587.6nm	0.66	13.73	L-BAL35	≤5	27	4.57	14.40 ±0.1	0.75	Convex, R2=300mm	330 – 2400	<b>\$300.00</b>
AVTMF-0021	30.00 +0.0/-0.1	17.50 @ 587.6nm	0.86	9.43	N-SF5	≤5	27	1.78	13.50 ±0.1	0.58	Plano	380 – 2500	<b>\$430.00</b>
AVTMF-0022	40.00 +0.0/-0.1	40.00 @ 587.6nm	0.5	30.68	L-BAL35	≤5	36	6.39	15.50 ±0.1	1	Convex R2=400mm	330 – 2400	<b>\$420.00</b>

\*Dia. = Diameter



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Part Number	Dia. (mm)	EFL (mm)	NA	BFL (mm)	Substrate	Centering (arcmin)	CA (mm)	ET (mm)	CT (mm)	f/#	Shape of Back Surface	Wavelength Range (nm)	Price (USD)
AVTMF-0023	40.00 +0.0/-0.1	30.00 @ 587.6nm	0.66	20.6	L-BAL35	≤5	36	2.56	15.50 ±0.1	0.75	Convex R2=400mm	330 – 2400	<b>\$420.00</b>
AVTMF-0024	40.00 +0.0/-0.1	25.00 @ 587.6nm	0.8	15.73	N-SF5	≤5	36	1.49	15.50 ±0.1	0.63	Plano	380 – 2500	<b>\$540.00</b>
AVTMF-0025	50.00 +0.0/-0.1	50.00 @ 587.6nm	0.5	38.33	L-BAL35	≤5	45	8.01	19.40 ±0.1	1	Convex, R=500mm	330 – 2400	<b>\$500.00</b>
AVTMF-0026	50.00 +0.0/-0.1	37.50 @ 587.6nm	0.66	25.74	L-BAL35	≤5	45	3.23	19.40 ±0.1	0.75	Convex, R=500mm	330 – 2400	<b>\$500.00</b>
AVTMF-0027	50.00 +0.0/-0.1	30.00 @ 587.6nm	0.83	18.04	N-SF5	≤5	45	1.44	20.00 ±0.1	0.6	Plano	380 – 2500	<b>\$720.00</b>
AVTMF-0028	75.00 +0.0/-0.1	112.50 @ 587.6nm	0.33	101.42	N-BK7	≤5	67.5	4.13	16.80 ±0.1	1.5	Plano	350 – 2200	<b>\$690.00</b>
AVTMF-0029	75.00 +0.0/-0.1	75.00 @ 587.6nm	0.5	58.25	N-BK7	≤5	67.5	4.99	25.40 ±0.1	1	Plano	350 – 2200	<b>\$690.00</b>
AVTMF-0030	75.00 +0.0/-0.1	60.00 @ 587.6nm	0.63	45.77	N-SF5	≤5	67.5	4.73	23.80 ±0.1	0.8	Plano	380 – 2500	<b>\$690.00</b>
AVTMF-0031	100.00 +0.0/-0.1	150.00 @ 587.6nm	0.33	135.5	N-BK7	≤5	90	5.11	22.00 ±0.1	1.5	Plano	350 – 2200	<b>\$880.00</b>
AVTMF-0032	100.00 +0.0/-0.1	100.00 @ 587.6nm	0.5	78.18	N-BK7	≤5	90	5.9	33.10 ±0.1	1	Plano	350 – 2200	<b>\$880.00</b>
AVTMF-0033	100.00 +0.0/-0.1	80.00 @ 587.6nm	0.63	61.35	N-SF5	≤5	90	5.78	31.20 ±0.1	0.8	Plano	380 – 2500	<b>\$880.00</b>
AVTMF-0034	150.00 +0.0/-0.1	225.00 @ 587.6nm	0.33	204.04	N-BK7	≤5	128	6.46	31.80 ±0.1	1.5	Plano	350 – 2200	<b>\$1,950.00</b>
AVTMF-0035	150.00 +0.0/-0.1	150.00 @ 587.6nm	0.5	118.16	N-BK7	≤5	128	7.51	48.30 ±0.1	1	Plano	350 – 2200	<b>\$1,950.00</b>

\*Dia. = Diameter



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Part Number	Dia. (mm)	EFL (mm)	NA	BFL (mm)	Substrate	Centering (arcmin)	CA (mm)	ET (mm)	CT (mm)	f/#	Shape of Back Surface	Wavelength Range (nm)	Price (USD)
AVTMF-0036	150.00 +0.0/-0.1	120.00 @ 587.6nm	0.63	92.86	N-SF5	≤5	128	7.3	45.40 ±0.1	0.8	Plano	380 – 2500	\$1,950.00
AVTMF-0037	200.00 +0/-0.1	300.00 @ 587.6nm	0.33	272.57	N-BK7	≤5	170	7.82	41.60 ±0.1	1.5	Plano	350 – 2200	\$3,700.00

For AVTMF-0001 to AVTMF-0037, the Asphere Figure Error (RMS) is  $1.2\lambda$ , and the Surface Quality is 60-40.

\*Dia. = Diameter

For customized Aspheric Lenses, please contact our sales representative.



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AV047-2311A

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