TELESCOPE SPECIFICATIONS AND ACCESSORY OPTIONS

Telescope	Part Number	Aperture	Resolution	Limiting Magnitude	Light Gathering Power	Focal Length	Focal Ratio	Image Circle Diameter	Optical Type	Tube Diameter	Tube Length (with lens hood retracted)	Tube Weight	Recommended Finder	Metal Back Distance
FS-60CB	**TSK06010**	60 mm	1.93"	10.7	73X	355 mm	f/5.9		Fluorite Doublet Apochromat	80 mm	440 mm	1.4 kg	6x30	162.0 mm
FC/FS Multi-FLT 1.04X	TKA00582					370 mm	f/6.2	44 mm						87.5 mm
RD C0.72X	TKA20580B					255 mm	f/4.2	40 mm						56.0 mm
EX C2X	TKA00594					710 mm	f/11.8							73.0 mm
EX Q1.6X	TKA00595					568 mm	f/9.4	44 mm						157.0 mm
EX CQ1.7X	TKA20595					600 mm	f/10.0							158.4 mm
FS-60Q	**TSK06110**	60 mm	1.93"	10.7	73X	600 mm	f/10.0		3 groups of 4 Fluorite Apochromat	80 mm	550 mm	1.6 kg	6x30	158.4 mm
FOA-60	**TFA06010**	60 mm	1.93"	10.7	73X	530 mm	f/8.8		Fluorite Doublet Ortho Apochromat	68 mm	565 mm (510 mm)	1.8 kg	6x30	175.6 mm
FL 0.93X	TKA28582					495 mm	f/8.2	44 mm						56.2 mm
EX 1.7XR	TKA28595					900 mm	f/15	44 mm						208.1 mm
FOA-60Q	**TFA06100**	60 mm	1.93"	10.7	73X	900 mm	f/15		Fluorite Doublet Ortho Apochromat	68 mm			6x30	208.1 mm
FC-76DCU / FC-76DS	**TFK07640 / TFK07630**	76 mm	1.5"	11.2	120X	570 mm	f/7.5		Fluorite Doublet Apochromat	DCU: 80 mm DS: 95 mm	DCU: 656 mm DS: 660 mm (567 mm)	DCU: 1.9 kg DS: 3.0 kg	6x30	159.0 / 173.0 mm
FC/FS Multi-FLT 1.04X	TKA00582					593 mm	f/7.8	44 mm						75 mm
76D RD	TKA18580					417 mm	f/5.5	36 mm						56.0 mm
EX C2X	TKA00594					1140 mm	f/15							73.0 mm
EX Q1.6X	TKA00595					916 mm	f/12.0	44 mm						157.0 mm
FC-100DC / FC-100DF	**TFK10010 / TFK10110**	100 mm	1.16"	11.8	204X	740 mm	f/7.4		Fluorite Doublet Apochromat	95 mm	815 mm	2.8 kg	7x50	161.0 / 225.0 mm
FC/FS Multi-FLT 1.04X	TKA00582					770 mm	f/7.7	44 mm						71.2 mm
76D RD	TKA18580					540 mm	f/5.4	30 mm						56.0 mm
FC-35RD (100DF)	TKA19580					480 mm	f/4.8	44 mm						74.1
EX Q1.6X	TKA00595					1185 mm	f/11.9	44 mm						157.0 mm
EX C2X	TKA00594					1480 mm	f/14.8							73.0 mm
FC-100DL	**TFK10210**	100 mm	1.16"	11.8	204X	900 mm	f/9.0		Fluorite Doublet Apochromat	95 mm	940 mm	3.6 kg	7x50	223.0 mm
FC/FS Multi-FLT 1.04X	TKA00582					936 mm	f/7.7	40 mm						69.2 mm
FC-35RD	TKA19580					594 mm	f/5.9	44 mm						68.5
EX Q1.6X	TKA00595					1440 mm	f/14.4	44 mm						157.0 mm
TSA-120	**TTK12010**	120 mm	0.97"	12.1	293X	900 mm	f/7.5		ED Triplet	125 mm	990 mm (870 mm)	6.7 kg	7x50	227.5 mm
35 FL	TKA31582					880 mm	f/7.3	40 mm						117.5 mm
TOA-35RD	TKA32580B					635 mm	f/5.3	44 mm						56.2 mm (note 2)
35 FL + EX ED 1.5X	TKA37595					1350 mm	f/11.3	44 mm						117.5 mm
TOA-130NS / TOA-130NFB	**TOK13010 / TOK13310**	130 mm	0.89"	12.3	345X	1000 mm	f/7.7		Double ED Triplet	156 mm	NS: 1145 mm (1012 mm) NFB: 1155 mm (1022 mm)	NS: 10.5 kg NFB: 12.3 kg	7x50	222.5 / 274.5
35 FL	TKA31582					980 mm	f/7.5	40 mm						117.5 mm
67 FL (TOA-130NFB)	TKA31583S					1000 mm	f/7.7	90 mm						106.2 mm
TOA-35RD	TKA32580A					698 mm	f/5.4	44 mm						56.2 mm (note 2)
EX-TOA 1.6X	TKA31595					1600 mm	f/12.3							117.5 mm
35 FL + EX ED 1.5X	TKA37595					1500 mm	f/11.5	44 mm						117.5 mm
TOA-150B	**TOK15110**	150 mm	0.77"	12.7	460X	1100 mm	f/7.3		Double ED Triplet	179 mm	1270 mm (1110 mm)	15.2 kg	7x50	275.0 mm
35 FL	TKA31582					1080 mm	f/7.2	40 mm						117.5 mm
67 FL (TOA-150B)	TKA32583S					1090 mm	f/7.3	90 mm						106.2 mm
TOA-35RD	TKA32580B					775 mm	f/5.2	44 mm						56.2 mm (note 2)
EX-TOA 1.6X	TKA31595					1760 mm	f/11.7							117.5 mm
35 FL + EX ED 1.5X	TKA37595					1650 mm	f/11.0	44 mm						117.5 mm
FSQ-85ED	**TQE08510**	85 mm	1.36"	11.4	147X	450 mm	f/5.3	44 mm	Double ED Quadruplet	95 mm	615 mm (525 mm)	3.6 kg	6x30	197.5 mm
RD QE0.73X	TKA36580					327 mm	f/3.8	44 mm						72.2 mm
EX ED1.5X	TKA37595					680 mm	f/8.0	44 mm						117.5 mm
FSQ-106EDX4	**TQE10630**	106 mm	1.09"	11.9	229X	530 mm	f/5.0	88 mm	Double ED Quadruplet	125 mm	675 mm (580 mm)	7.0 kg	7x50	178 mm
645 RD QE0.72X	TKA36580L					380 mm	f/3.6	60 mm						73.5 mm
F/3 RD 0.6X	TKA38581					318 mm	f/3.0	44 mm						56.2 mm

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RD QE0.73X	TKA36580					387 mm	f/3.6	35 mm						72.2 mm
EX Q1.6X (50.8)	TKA36595					850 mm	f/8.0	44 mm						117.5 mm
FSQ-130ED	**TQE13010**	130 mm	0.89"	12.3	345X	650 mm	f/5.0	110 mm	Triple ED Quintuplet	156 mm	830 mm (700 mm)	12.7 kg	7x50	172.9 mm (note 1)
645 RD 0.7X	TKA38580					455 mm	f/3.5	70 mm						74 mm
F3 RD 0.6X	TKA38581					390 mm	f/3.0	44 mm						56.2 mm
EX Q1.6X (50.8)	TKA36595					1040 mm	f/8.0	44 mm						117.5 mm
Mewlon-250CRS	**TLK25300**	250 mm	0.46"	13.8	1276X	2500 mm	f/10.0	40 mm	Dall-Kirkham	280 mm	945 mm	12.0 kg	7x50	147.9
RD CR0.73X	TKA82580					1825 mm	f/7.3	35 mm						72.2 mm
EX CR1.5X	TKA82595					3780 mm	f/15.1	44 mm						117.5 mm
Mewlon-300CRS	**TLK30310**	300 mm	0.4"	14.2	1827X	2960 mm	f/9.9	40 mm	Dall-Kirkham	324 mm	1045 mm	27.0 kg	7x50	189.5
RD CR0.73X	TKA82580					2160 mm	f/7.2	35 mm						72.2 mm
EX CR1.5X	TKA82595					4475 mm	f/14.9	44 mm						117.5 mm
µ-180C	**TLK18100**	180 mm	0.64"	13.0	661X	2160 mm	f/12.0		Dall-Kirkham	210 mm	625 mm	6.2 kg	6x30	
Mewlon FL RD	TKA70581					1760	f/9.8	30 mm						
µ-210	**TLK21000**	210 mm	0.55"	13.4	900X	2415 mm	f/11.5		Dall-Kirkham	244 mm	700 mm	8.1 kg	7x50	162.0 mm
Mewlon FL RD	TKA70581					1961 mm	f/9.3	30 mm						56.2 mm
ε-130D	**TEK13010**	130 mm				430 mm	f/3.3	44 mm	Modified Hyperbolic Newtonian	166 mm	460 mm	4.9 kg		56.2 mm
ε-180ED	**TEK18010**	180 mm				500 mm	f/2.8	44 mm	Modified Hyperbolic Newtonian	232 mm	570 mm	10.7 kg	7x50	56.2 mm
CCA-250	**TCK25010**	250 mm	0.46"	13.8	1276X	1250 mm	f/5.0	88 mm	Modified Cassegrain	306 mm	870 mm	22.8 kg	7x50	193.9
RD CR0.73X	TKA82580					910 mm	f/3.6	38 mm						56.2 mm
EX CR1.5X	TKA82595					1880 mm	f/7.5	40 mm						117.5 mm
645RD CA0.72X	TKA86580L					890 mm	f/3.6	60 mm						56.2 mm

** Measured from rear of CAA*

Notes

1 Measured from rear of CAA
2 measured from back of CA ring for TOA-130 or 150, respectively