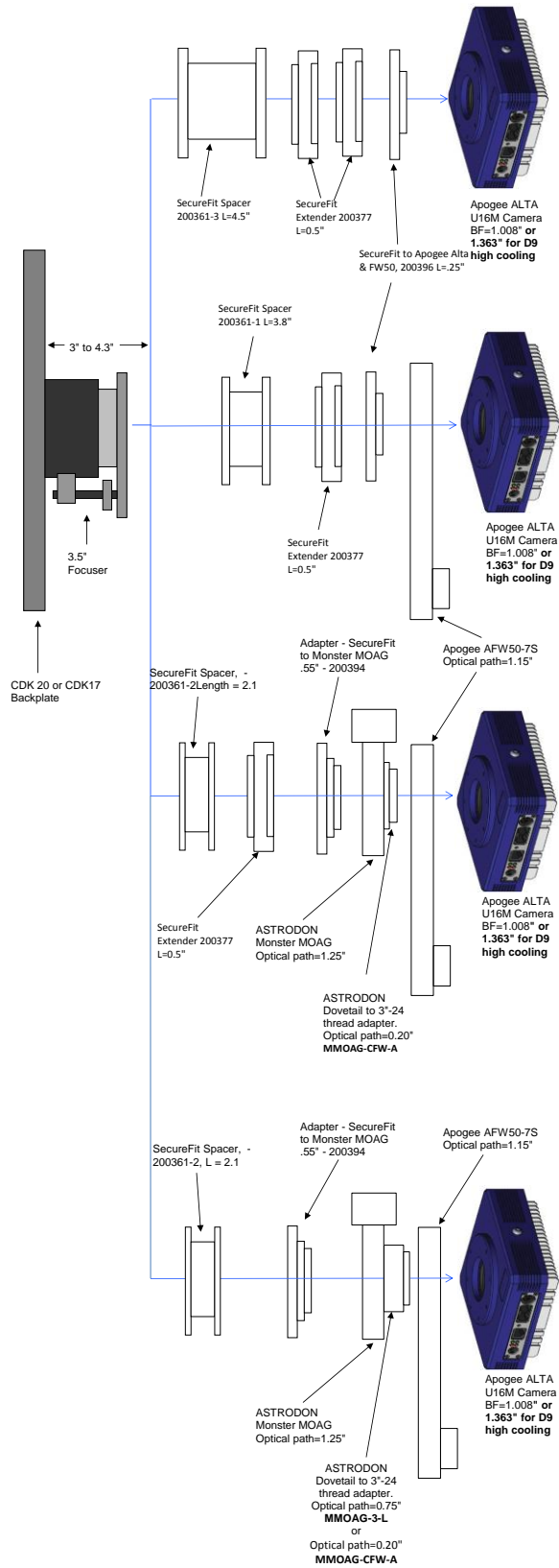


CDK17 - OPTICAL TRAIN: for Apogee Alta, FW50 and MMOAG



ALTA CCD		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.482</b>	6.758
SecureFit, 4.5" - 200361-3	4.5	2.258
SecureFit Extender - 200377	0.5	1.758
SecureFit Extender - 200377	0.5	1.258
SecureFit to Apogee Alta & FW50 - 200396	0.25	1.008
Apogee Alta U16M CCD back focus	1.008	0

ALTA D9 High Cooling		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.627</b>	6.613
SecureFit, 4.5" - 200361-3	4.5	2.113
SecureFit Extender - 200377	0.5	1.613
SecureFit to Apogee Alta & FW50 - 200396	0.25	1.363
Apogee Alta U16M High Cooling CCD back focus	1.363	0

FW50, ALTA CCD		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.53</b>	6.708
SecureFit, 3.8" - 200361-1	3.8	2.908
SecureFit CCD Extender - 200377	0.5	2.408
SecureFit to Apogee Alta & FW50 - 200396	0.25	2.158
Apogee AFW50-7S	1.15	1.008
Apogee Alta U16M CCD back focus	1.008	0

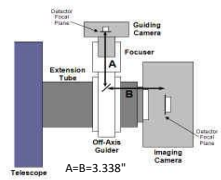
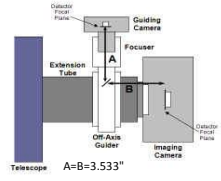
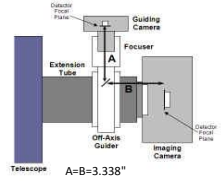
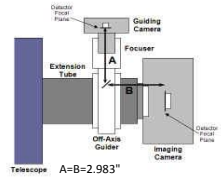
FW50, ALTA D9 High Cooling		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.18</b>	7.063
SecureFit, 3.8" - 200361-1	3.8	3.263
SecureFit CCD Extender - 200377	0.5	2.763
SecureFit to Apogee Alta & FW50 - 200396	0.25	2.513
Apogee AFW50-7S	1.15	1.363
Apogee Alta U16M High Cooling CCD back focus	1.363	0

MonsterMOAG, FW50, ALTA		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.48</b>	6.758
SecureFit Spacer - 2.1" - 200361-2	2.1	4.658
SecureFit CCD Extender - 200377	0.5	4.158
Adapter SecureFit to Monster MOAG - 200394	0.55	3.608
Monster MOAG - MMOAG	1.25	2.358
AstroDon Adapter - MMOAG-CF-W-A	0.2	2.158
Apogee AFW50-7S	1.15	1.008
Apogee Alta U16M CCD back focus	1.008	0

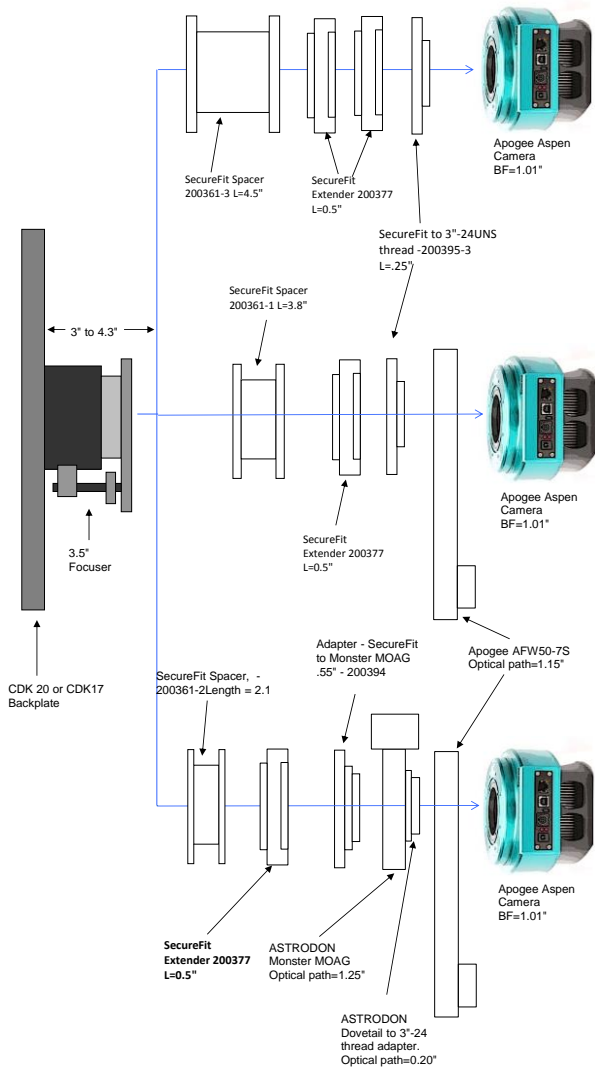
MonsterMOAG, FW50, ALTA D9 High Cooling		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.13</b>	7.113
SecureFit Spacer - 200361-2	2.1	5.013
SecureFit CCD Extender - 200377	0.5	4.513
Adapter SecureFit to Monster MOAG - 200394	0.55	3.963
Monster MOAG - MMOAG	1.25	2.713
AstroDon Adapter - MMOAG-CF-W-A	0.2	2.513
Apogee AFW50-7S	1.15	1.363
Apogee Alta U16M High Cooling CCD back focus	1.363	0

MonsterMOAG, FW50, ALTA		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.432</b>	6.808
SecureFit Spacer - 200361-2	2.1	4.708
Adapter SecureFit to Monster MOAG - 200394	0.55	4.158
Monster MOAG - MMOAG	1.25	2.908
Adapter, Astrodon dovetail to 3"-24 MMOAG-3-L	0.75	2.158
Apogee AFW50-7S	1.15	1.008
Apogee Alta U16M CCD back focus	1.008	0

MonsterMOAG, FW50, ALTA D9 High Cooling		
3.5" Focuser (racked in)		10.24 remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.627</b>	6.613
SecureFit Spacer - 200361-2	2.1	4.513
Adapter SecureFit to Monster MOAG - 200394	0.55	3.963
Monster MOAG - MMOAG	1.25	2.713
AstroDon Adapter - MMOAG-CF-W-A	0.2	2.513
Apogee AFW50-7S	1.15	1.363
Apogee Alta U16M High Cooling CCD back focus	1.363	0



**CDK17 - OPTICAL TRAIN: for Aspen, FW50 and MMOAG**



<b>Apogee Aspen CCD</b>	10.24	remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.48</b>	6.76
SecureFit, 4.5" - <b>200361-3</b>	4.5	2.26
SecureFit Extender - <b>200377</b>	0.5	1.76
SecureFit Extender - <b>200377</b>	0.5	1.26
SecureFit to 3"-24UNS - <b>200395-3</b>	0.25	1.01
Apogee Aspen CCD back focus	1.01	0

<b>Apogee Aspen CCD &amp; FW50</b>	10.24	remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.53</b>	6.71
SecureFit, 3.8" - <b>200361-1</b>	3.8	2.91
SecureFit CCD Extender - <b>200377</b>	0.5	2.41
SecureFit to 3"-24UNS - <b>200395-3*</b>	0.25	2.16
Apogee AFW50-75	1.15	1.01
Apogee Aspen CCD back focus	1.01	0

\*200396 adapter can also be used to mount to AWF50 filter wheels

<b>Apogee ASPEN CCD, MonsterMOAG, FW50</b>	10.24	remaining BF
3.5" Focuser (racked in)	3	7.24
<b>Focus position (0 to 1.3")</b>	<b>0.48</b>	6.76
SecureFit Spacer - 2.1" - <b>200361-2</b>	2.1	4.66
SecureFit CCD Extender - <b>200377</b>	0.5	4.16
Adapter SecureFit to Monster MOAG - <b>200394</b>	0.55	3.61
Monster MOAG - <b>MMOAG</b>	1.25	2.36
AstroDon Adapter - <b>MMOAG-CFW-A</b>	0.2	2.16
Apogee AFW50-75	1.15	1.01
Apogee Aspen CCD back focus	1.01	0

