

# ASA600

600 MM TELESCOPE – OPEN TRUSS TUBE CARBON, OPTIC DESIGN DIPL. PHYS. PHILIPP KELLER		
Version	Cassegrain	Ritchey-Chrétien
Item number	ASA600CA	ASA600RC
Aperture	600 mm	600 mm
Focal Length	5400 mm	4800 mm
Focal Ratio	f9	f8
Back Focus	360 mm**	360 mm**
Field of View	76 arc mins	86 arc mins
Main mirror specs	Cassegrain	Ritchey-Chrétien
Optical Diameter	600 mm	600 mm
Mirror Diameter	615 mm	615 mm
Mirror material	AstroSitall	AstroSitall
Coating	Al+SiO2 Coating with 91% Reflexion	
Surface quality	L/8 PTV Wavefront > 95 strehl	
Mirror thickness	70 mm	70 mm
Mirror cell	9 point floating	9 point floating
Secondary mirror specs	Cassegrain	Ritchey-Chrétien
Optical Diameter	193 mm	220 mm
Mirror Diameter	200 mm	225 mm
Mirror material	AstroSitall	AstroSitall
Coating	Al+SiO2 Coating with 91% Reflexion	
Thickness	35 mm	35 mm
Mechanical specs	Cassegrain	Ritchey-Chrétien
Material	High end aluminium parts and carbon fiber	
Workmanship	CNC manufactured	
Weight	138 kg	138 kg
Image Quality	See Spot-Diagrams and Vignettingdata*	
Cooling	Computer controlled fans	
Focuser	Computer controlled motorized focuser	
Baffle	Main mirror baffle	



\* See [www.astrosysteme.at](http://www.astrosysteme.at)

\*\* Maximum Back-Focus available. In conjunction with the ASA flange this value is reduced by 92 mm. The Back-Focus can be reduced and enlarged by secondary focussing. The focussing range for diffraction limiting is +/-40mm. Nevertheless the mechanical range is larger.