



**Two-Mirrors
CASSEGRAIN TYPE**

DATA INPUT

Effective Focal Length	6000
F1 (Primary focal len.)	1200
D1 (primary diameter)	300
E (primary- foc. plane)	200
Df (field diam.in mm)	15

**Two-Mirror
Calculation**

RESULTS

Primary Curv.Radius	-2,400.000
Secondary Curv.Radius	-583.334
S (primary-sec. dist.)	-966.667
D2 (second.mirr. diam)	60.75
Magnification	5.000
Back Focal Length	1,166.667
Linear Obstruction %	20.25
Aperture Ratio	20.00
Ls (light-shield length)	55.41
Lp (light-shield length)	489.21
Ds (light-shield Diam.)	75.46
Dp (light-shield Diam.)	42.76

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Click the buttons for design analysis-->

	Cassegrain	Dall-Kirkham	Ritchey-Chretien	Pressmann-Camichel
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Primary Mirror Conic Constant K	-1	-0.7760	-1.0193	0
Secondary Mirror Conic Constant K	-2.2500	0	-2.4440	7.7947