

## Re: Simple telescope design question

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**From:** Robert Maxwell Robinson (*max\_at\_u.washington.edu*)

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Thanks for your help; I'll look at websites on solar scopes. The idea that large, flat mirrors are harder to make than large parabolic mirrors sounds \*way\* strange to me; I thought you practically started with the one to make the other!

One comment I was going to make was that I don't think the large "flat" mirror would need to be nearly as flat as the flat secondary of a standard Newtonian, since the flat secondary is put at a place where the image is already highly magnified.

At any rate, I'd like a second opinion about how much trouble the flat mirror would cause in this design.

On Mon, 28 Jun 2004, Chris Rowland wrote:

| I don't know much about this but as that doesn't stop anyone else;-)

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| Myself included.

| Large flat mirrors are much more difficult to make than parabolic mirrors. This is probably the principle objection to this idea.

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| However scopes are made with this sort of arrangement, particularly solar scopes.

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| Another advantage is that the scope can be fixed and only the flat mirror moved to aim at and track objects.

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| Chris