

Re: New AP scope and more

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>> *Maybe one day we will have some type of glass to make a color free achro doublet.*>>

It's called Fluorite and when coupled to a Schott N-KzFs2, it will produce what you want – pretty well color free doublet.

Fluorite costs about \$1000 per kg in raw form. A 9" blank would weigh about 4.5kg.

The Schott mating element will cost about \$1500 to \$2000 in raw form.

Then comes grinding, polishing, figuring, anti-reflection coating (at ~\$400 per surface), mounting in cell, making the tube assembly with focuser, dewcap, baffles, etc. Some profit for the telescope maker, some money for national, state and local taxes, a bit of overhead, etc etc etc. Where do you think this will come in at, comfortably?

Roland Christen