

Material:	IR grade fused silica
Spectral transmission:	Must transmit at least 92% (10 mm thickness, reflective losses included) for all wavelengths between 400 to 2400 nm.
Homogeneity:	Bubble Grade 0, according to DIN 58927 Refractive index variation no more than 4×10^{-6} over the clear aperture.
Diameter:	6.25 +/- 0.01 inches
Clear Aperture:	90 %
Thickness:	0.750 +/- 0.005 inches
Bevels:	45 deg. and 0.03 in width
Surface finish:	Ground with No 80 grit, or finer
Quantity:	6 or 12 Please quote for both quantities.

Finishing specs

Wedge angle:	3 arc minutes (+/- 1 arc minutes) High point clearly marked
Surface Quality:	60/20 Scratch/Dig
Surface Accuracy:	?1/20 or ? 1/10 –th wave peak to valley (at 632.8 nm) over clear aperture
Coating:	Color separator coating on one side, no coating on the other. The finished pieces should have > 90% reflectance 400 nm – 950 nm @ 11 degrees AOI > 90% transmittance 1100 nm – 2400 nm @ 11 degrees AOI ??? Non polarizing, $ R_{s_{av}} - R_{p_{av}} < 5\%$ @ 11 degrees AOI

Quantity: