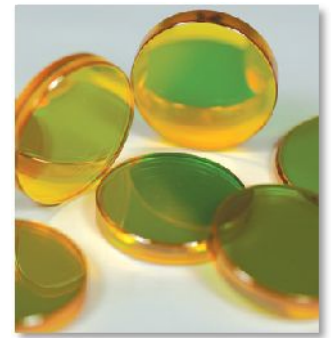


Beam combiners are partial reflectors that combine two or more wavelengths of light -- one in transmission and one in reflection -- onto a single beam path. Commonly ZnSe, ZnS, or Ge, beam combiners are optimally coated to transmit infrared light and reflect visible light, as in combining infrared CO₂ high-power laser beams and HeNe visible diode laser alignment beams.



<i>PN</i>	<i>Diameter (mm)</i>	<i>Edge Thickness (mm)</i>	<i>Reflectivity</i>
250771	12.70	2.03	90% at 633nm
864220	19.05	2.03	90% at 633nm
404518	19.05	2.03	90% at 633nm
394265	25.40	3.05	90% at 633nm
170306	25.40	3.05	90% at 670nm
285378	38.10	3.05	90% at 633nm
625266	50.80	5.08	90% at 633nm

<i>Edge Thickness Variation</i>	<= 3 arc minutes
<i>Clear Aperture (polished)</i>	90% of diameter
<i>Scratch-Dig</i>	40-20
<i>AR Reflectivity at 10.6um</i>	<0.20%