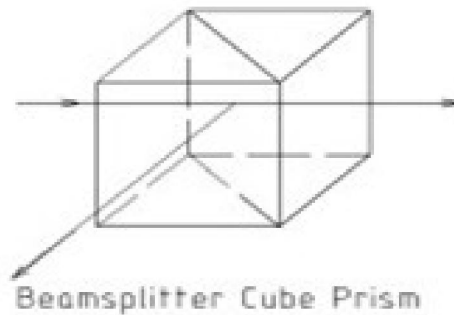
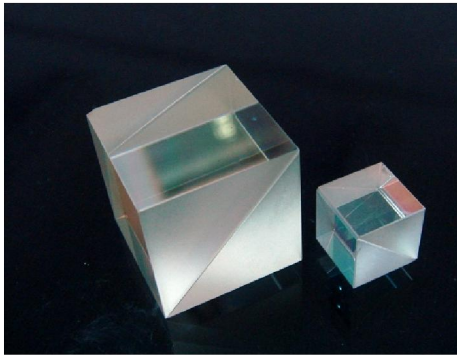


Non-Polarization Cube Beamsplitter

Cube beamsplitters are constructed by cementing two right angle prisms together with the appropriate interference coating on hypotenuse. The absorption loss to the coating is minimal. Transmission and reflection approach 50% (average) though the output is partially polarized.



Capability

Material:	BK7
Dimension tolerance:	+/-0.10mm
Angle tolerance:	+/- 3 minutes
Surface quality:	60-40
Surface accuracy:	1 lambda
Coating:	Outside surface: lambda/4 MgF2 @ 550nm Hypotenuse: Multi-layer dielectric coating Transmittance: 50% +/-5% @ 550nm Reflectance: 50% +/- 5% @ 550nm