

# EBS1 Beamsplitter

The EBS1 is an economy, 50:50 beamsplitter operating in the visible (450-600nm) spectrum.

## Specification

Dimension	Ø25.4mm +0.0/- .25mm
Split Ratio	50:50
Splitter Ratio Tolerance	Transmittance 50% from 450-650nm +/- 10% @ 45° Angle of Incidence
Angle of Incidence	45°
Thickness	1mm nominal
Scratch Dig	80/50 as per MIL-013830A
Clear Aperture	>90% of Diameter
Temperature Range	-50° to 80° C
AR Coating	None

## Transmission

