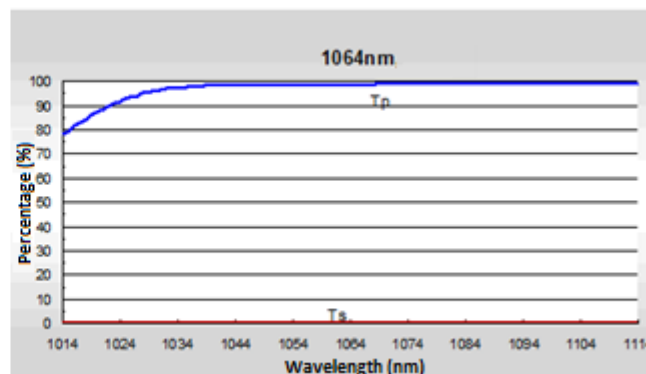
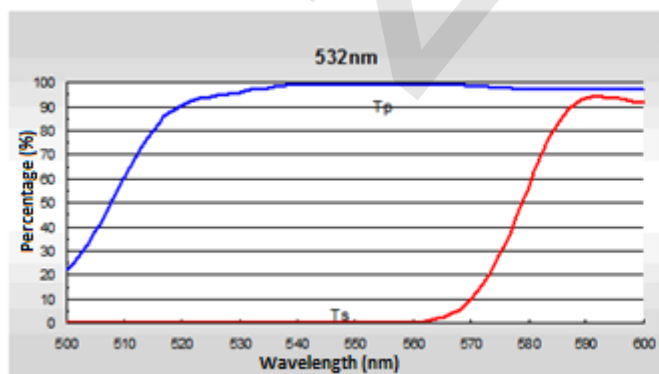
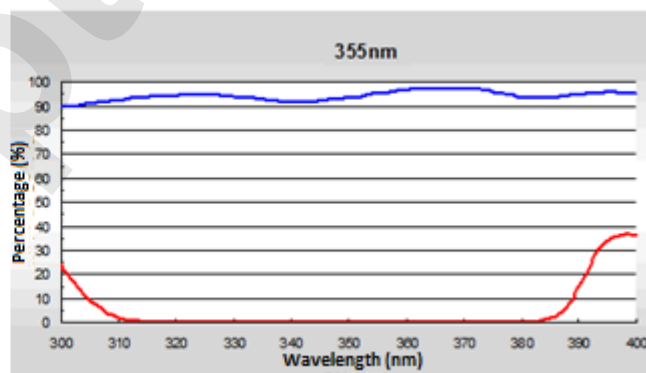
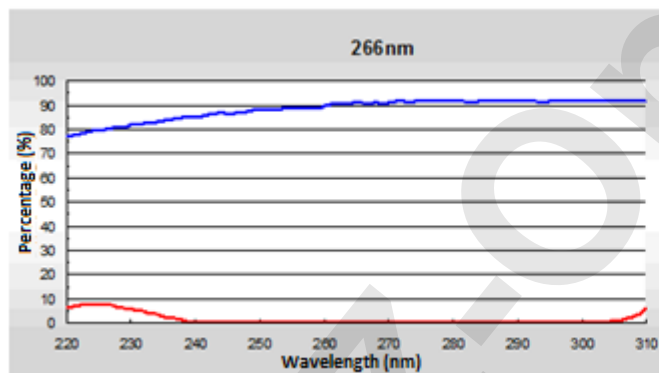
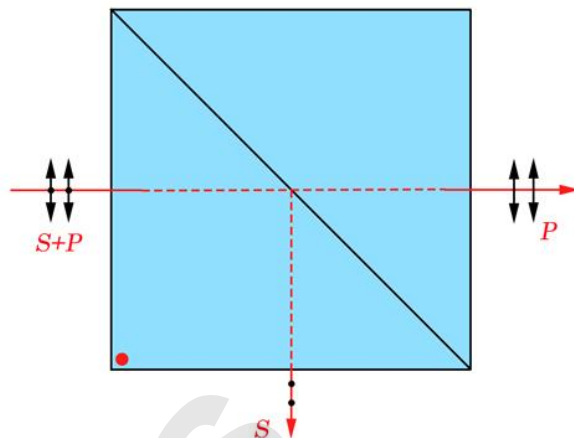


Laser Line High Energy Polarizing Cube Beamsplitter

Specifications

- **Material:** H-K9L or UV Fused Silica
- **Surface Figure:** $<\lambda/8@632.8\text{nm}$
- **Surface Quality:** 40-20 Scratch and Dig
- **Dimension tolerance:** $\pm 0.2\text{mm}$
- **Clear Aperture:** $>90\%$
- **Beam deviation:** $<3'$
- **Extinction ratio:** $T_p/T_s > 1000:1$
- **Transmittance:** $T_p > 95\%$, $T_s < 0.1\%$
- **Reflectance:** $R_s > 99.9\%$, $R_p < 5\%$
- **Coating:** Dielectric coating on hypotenuse to split beam and broadband AR coating on other surfaces beam passes
- **Damage Threshold** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm

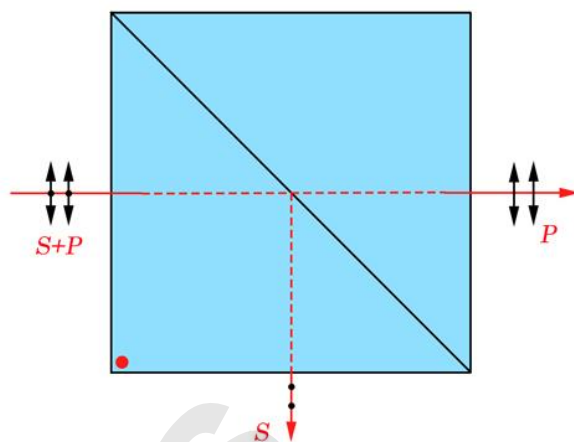


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Laser Line High Energy Polarizing Cube Beamsplitter



Material	Size (mm)	Tp/Ts	Wavelength (nm)	Part No
UV Fused Silica	12.7x12.7x12.7	>1000:1	266	BSP8-127-266FS
UV Fused Silica	20x20x20	>1000:1	266	BSP8-200-266FS
UV Fused Silica	12.7x12.7x12.7	>1000:1	355	BSP8-127-355FS
UV Fused Silica	20x20x20	>1000:1	355	BSP8-200-355FS
K9	12.7x12.7x12.7	>1000:1	532	BSP8-127-532
K9	20x20x20	>1000:1	532	BSP8-200-532
K9	12.7x12.7x12.7	>1000:1	1064	BSP8-127-1064
K9	20x20x20	>1000:1	1064	BSP8-200-1064

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