

Broadband Laser Beamsplitters



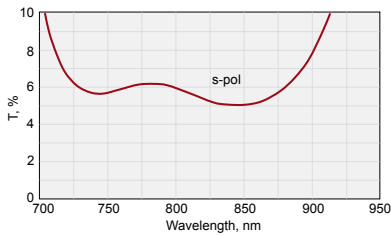
Designed for S- polarization. Laser Damage Threshold: >50 mJ/cm², 50 fsec pulse, 800 nm typical

Wavelength, nm	Reflection, %	Transmission, %	Substrate material	Catalogue number		Price, EUR Ø25.4 / Ø50.8
				Ø25.4 × 3 mm	Ø50.8 × 6 mm	
720 – 880	8±1	92±1	UV FS	042-7708SB	045-7708SB	110 / 185
720 – 880	20±5	80±5	UV FS	042-7720SB	045-7720SB	185 / 340
720 – 880	30±5	70±5	UV FS	042-7730SB	045-7730SB	185 / 340
720 – 880	40±5	60±5	UV FS	042-7740SB	045-7740SB	185 / 340
720 – 880	50±5	50±5	UV FS	042-7750SB	045-7750SB	185 / 340
720 – 880	60±5	40±5	UV FS	042-7760SB	045-7760SB	190 / 360
720 – 880	70±5	30±5	UV FS	042-7770SB	045-7770SB	195 / 390
720 – 880	80±5	20±5	UV FS	042-7780SB	045-7780SB	195 / 390
720 – 880	90±3	10±3	UV FS	042-7790SB	045-7790SB	215 / 440
720 – 880	95±2	5±2	UV FS	042-7795SB	045-7795SB	225 / 470

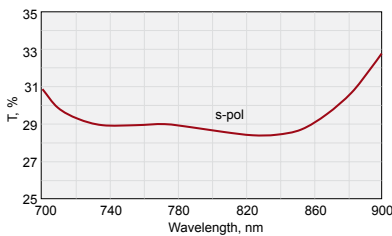


Designed for P- polarization. Laser Damage Threshold: >50 mJ/cm², 50 fsec pulse, 800 nm typical

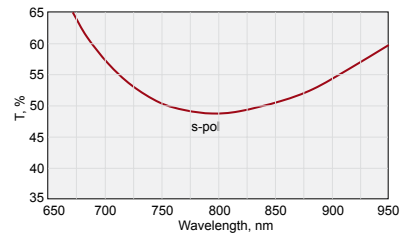
Wavelength, nm	Reflection, %	Transmission, %	Substrate material	Catalogue number		Price, EUR Ø25.4 / Ø50.8
				Ø25.4 × 3 mm	Ø50.8 × 6 mm	
750 – 850	10±2	90±2	UV FS	042-7710PB	045-7710PB	110 / 185
750 – 850	20±5	80±5	UV FS	042-7720PB	045-7720PB	185 / 340
750 – 850	30±5	70±5	UV FS	042-7730PB	045-7730PB	185 / 340
750 – 850	40±5	60±5	UV FS	042-7740PB	045-7740PB	185 / 340
750 – 850	50±5	50±5	UV FS	042-7750PB	045-7750PB	185 / 340
750 – 850	60±5	40±5	UV FS	042-7760PB	045-7760PB	190 / 360
750 – 850	70±5	30±5	UV FS	042-7770PB	045-7770PB	195 / 390
750 – 850	80±5	20±5	UV FS	042-7780PB	045-7780PB	195 / 390
750 – 850	90±3	10±3	UV FS	042-7790PB	045-7790PB	215 / 440
750 – 850	95±2	5±2	UV FS	042-7795PB	045-7795PB	225 / 470



042-7795SB. $R_s=95\pm2\%$ @ 720–880 nm, AOI=45°



042-7770SB. $R_s=70\pm5\%$ @ 720–880 nm, AOI=45°



042-7750SB. $R_s=50\pm5\%$ @ 720–880 nm, AOI=45°

RELATED PRODUCTS

Uncoated Elliptical Mirrors
See page 1.8

Kinematic Mirror and Beamsplitter Mount
840-0030-02
See page 8.58



Adapter for Beamsplitter at 45°
840-0116
See page 8.76



Flipping Mirror/Beamsplitter Mount 840-0155
See page 8.83

