

Beam Splitting -Plates (BSP) and -Cubes (BSC)

narrow band beam splitting plates (NBBSP)

Rav/ Tav = 50% / 50% +/- 5%
|Rp - Rs| < 5%, AOI 45°
AR < 0.5% rear surface

wavelength in the range 190 - 2,500 nm
(other wavelengths are possible by request)
bandwidth +/- 5 nm

broadband beam splitting plates (BBBSP)

Rav/ Tav = 1/1, A = 5 - 10 %
|Rp - Rs| < 5%, AOI 45°
AR < 0.5% rear surface

wavelength in the range 190 - 2,500nm
(other wavelengths are possible by request)
bandwidth up to 600 nm

non-polarizing beam splitting cubes

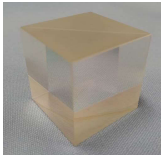
hybrid coating
R/T = 1/1, A = 5 - 7%, |Tp - Ts| < 5%
AR of all work sides

UV grade: 200...400 nm
(single UV wavelength with bandwidth +/- 5 nm)
400 - 700 nm, 700 - 950 nm, 950 - 1150 nm
(other wavelengths are possible by request)

prices (EUR/pc) for standard BSP (1 - 10 pcs)

size, mm	NBBSP		BBBSP
	< 400 nm >1600nm	400-1600nm	190-2,500 nm
dia 12.5 x 2.5 ellipse 12 x 17 x 2	185	150	115
dia 25 x 5 dia 25 x 6 ellipse 18 x 25 x 3	205	160	130
dia 38.1 x 6 ellipse 30 x 42.5 x 4 rectangle 30 x 42.5 x 4	240	180	170
ellipse 35 x 50 x 5 rectangle 35 x 50 x 5	265	205	195
dia 50 x 6 dia 50 x 8 rectangle 50 x 50 x 6 rectangle 50 x 50 x 8	300	235	230

(Non-)Polarizing Beam Splitting Cubes ((N)PBSC)



polarizing beam splitting cubes (PBSC), dielectric coating, $T_p > 90\%$, $R_s > 99\%$, $T_p/T_s > 1000/1$
 non-polarizing beam splitting cubes (NPBSC), hybrid coating, $R/T = 1/1$, $A = 5-10\%$, $|T_p-T_s| < 5\%$
 AR on all work surfaces

the prices are given for small quantities for beam splitting cubes from stock
 the prices for industrial series as well as for large quantities will be quoted by request
 customized beam splitting cubes are possible by request

prices (EUR/pc) for PBSC from stock (1-10pcs)

wavelength range, nm	size 5mm	size 10mm	size 12.5mm 12.7mm	size 15mm	size 20mm	size 25mm 25.4mm	size 30mm	size 38.1mm	size 50mm 50.8mm
397-405	190	190	190	212	238	260	280	456	1,150
400-750	68	74	78	92	100	136	380	454	560
700-950	68	74	78	92	100	136	380	454	560
950-1150	68	74	78	92	100	136	380	454	560
1040-1560	76	80	84	92	100	136	444	556	678
1400-2000	120	126	132	138	150	204	672	834	1,017

prices (EUR/pc) for NPBSC from stock (1-10pcs)

wavelength range, nm	size 5mm	size 10mm	size 12.5mm 12.7mm	size 15mm	size 20mm	size 25mm 25.4mm	size 30mm	size 38.1mm	size 50mm 50.8mm
400-750	76	80	84	100	112	136	410	454	520
700-950	76	80	84	100	112	136	410	454	520
950-1150	76	80	84	100	112	136	410	454	520
1040-1560	76	80	84	100	112	136	410	454	520
1400-2000	114	120	127	150	168	204	615	681	780