

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

prices (EUR/pc) for standard BSC

size, mm	UV < 400nm	VIS-NIR 400nm...1560nm	IR 1500nm...2100nm
5 x 5 x 5 10 x 10 x 10 12.5 x 12.5 x 12.5 12.7 x 12.7 x 12.7	190	95	152
15 x 15 x 15	212	106	161
20 x 20 x 20	218	119	179
25 x 25 x 25 25.4 x 25.4 x 25.4	260	130	198
30 x 30 x 30	280	140	by request
35 x 35 x 35	396	198	by request
38.1 x 38.1 x 38.1	456	228	by request
40 x 40 x 40	926	463	by request
50 x 50 x 50 50.8 x 50.8 x 50.8	1,150	575	by request