

## **(Polarizing) Beam Splitting Cubes ((P)BSC)**

polarizing beam splitting cubes  
dielectric coating  
Tp > 90%, Rs > 99%, Tp/Ts > 1000/1  
AR of all work sides

UV grade: 200 ... 400 nm (single wavelength) bandwidth +/- 5nm  
400 - 700 nm, 700 - 950 nm, 950 - 1150 nm, 1040 - 1560 nm,  
1500-2100 nm, other wavelengths are possible by request

non-polarizing beam splitting cubes  
hybrid coating  
R/T = 1/1, A = 5-10%, |Tp-Ts| < 5%  
AR of all work sides

UV grade: 200 ... 400 nm (single wavelength) bandwidth +/- 5nm  
400 - 700 nm, 700 - 950 nm, 950 - 1150 nm, 1040 - 1560 nm,  
1500-2100 nm, other wavelengths are possible by request

other splitting and polarizing characteristics are possible by request

### **prices (EUR/pc) for standard (P)BSC (1-10pcs)**

| size, mm  | UV<br>< 400nm | VIS-NIR<br>400nm...1560nm | IR<br>1500nm...2100nm |
|---|---------------|---------------------------|-----------------------|
| 5 x 5 x 5<br>10 x 10 x 10<br>12.5 x 12.5 x 12.5<br>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<br>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<br>50.8 x 50.8 x 50.8                                    | 1,150         | 575                       | by request            |