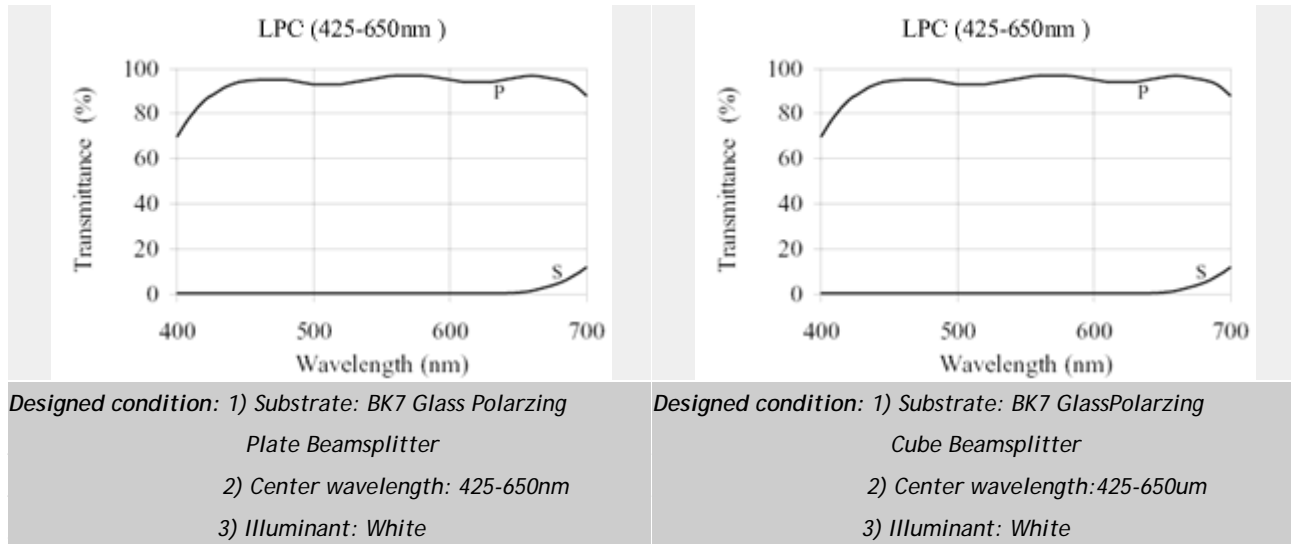


## Broadband Polarization Beamsplitter Coatings(Part No: BPC)

Broadband Polarizing Cube Beamsplitter coatings is similar to our laser line polarizing beamsplitter coatings but it can be used over a wide wavelength range. These coatings are also useful for combining two orthogonally polarized beams.

### Reflectance Simulation of Broadband Polarization Beamsplitter Coatings



### Broadband Polarization Beamsplitter Coatings on Cubes.

| Wavelength Range (nm) | Incident Angles | Transmittance (Tp, Ts) | Reflectance (Rs, Rp) | Recommended Substrate | Coating Index |
|-----------------------|-----------------|------------------------|----------------------|-----------------------|---------------|
| 425-650               | 0°              | Tp>93%, Ts<1%          | Rs>98%, Rp<5%        | BK7, Fused Silica     | UQT-BPC001    |
| 650-850               | 0°              | Tp>93%, Ts<1%          | Rs>98%, Rp<5%        | BK7, Fused Silica     | UQT-BPC002    |
| 900-1200              | 0°              | Tp>93%, Ts<1%          | Rs>98%, Rp<5%        | BK7, Fused Silica     | UQT-BPC003    |

Please Contact ultiQuest for more information and technical supports.

#### NOTES!

- ➔ The values of laser damage threshold are based on actual measurement and not a guaranteed specification.