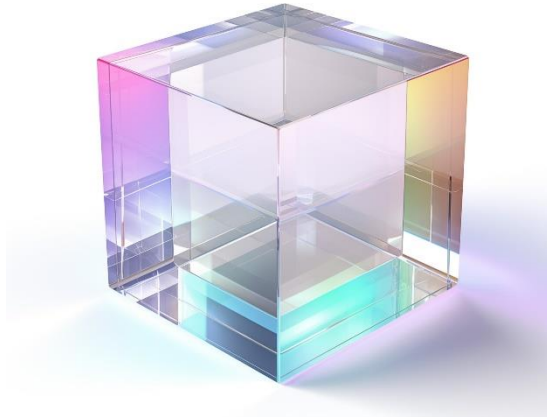


## Polarizing Beamsplitter (PBS) Cubes



PBS Cubes are designed to separate high power laser beam polarizations into S and P components. High Energy and broadband options available.

Price typically from 100 €  
 Delivery  
 Stock 1-3 days  
 Manufacturing 4-6 weeks

### Standard PBS Cubes - glued

Extinction Ratio (Tp/Ts)	>500:1
Laser Induced Damage Threshold (LIDT)	>0.25 J/cm <sup>2</sup> @ 1064 nm, 10 ns, 10 Hz
Polarization	Rs>99.5%; Tp>97%

### High Energy PBS Cubes – bonded

Extinction Ratio (Tp/Ts)	>1000:1
Laser Induced Damage Threshold (LIDT)	15 J/cm <sup>2</sup> @ 1064 nm, 10 ns, 10 Hz
Polarization	Rs>99.5%; Tp>97% (Tp>96% for UV)

### Broadband PBS Cubes – glued or bonded

Extinction Ratio (Tp/Ts)	>250:1
Laser Induced Damage Threshold (LIDT)	>0.25-5-15 J/cm <sup>2</sup> @ 1064 nm, 10 ns, 10 Hz
Polarization	Rs>99.5%; Tp>97% (Tp>96% for UV)