



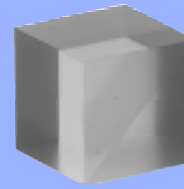
OPTICAL DEVICE

# PBS-Prism for Blue (MSK465k2)

•Corresponds to Blue Laser.

# Trichroic Prism (MSK844)

•Corresponds to three wavelength.

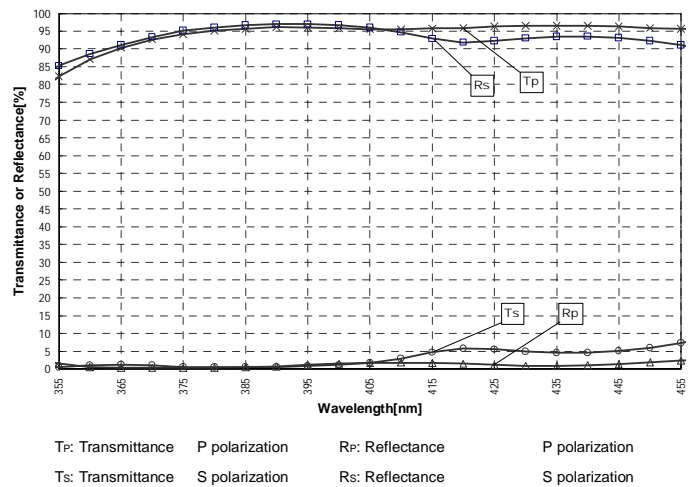


## MSK465k2

### Specifications

Material	BK7 or equivalent		
Wavelength	405 nm ±10 nm		
Incident angle	0° ±6°		
Dimensions (Ex.)	3.0 <sup>±0.1</sup> × 3.0 <sup>±0.1</sup> × 3.0 <sup>±0.1</sup> (mm)		
Clear aperture	2.0 mm		
Wavefront aberration	0.030 rms Max. (λ = 405 nm)		
Dichroic coating characteristics	Wavelength	Incident angle	Characteristics
	405 ±10 nm	0°	Tp ≥ 93 % Rs ≥ 90 %
		0° ±6°	Tp ≥ 89 % Rs ≥ 90 %
Reflectance of AR coating	0.5 % Max. (Incident angle: 0°)		

### Spectral Characteristics



## MSK844

### Specifications

Material	BK7 or equivalent		
Wavelength	405 nm ±5 nm, 660 nm ±15 nm, 785 nm ±15 nm		
Incident angle	0° ±6°		
Dimensions (Ex.)	4.0 <sup>±0.1</sup> × 4.0 <sup>±0.1</sup> × 4.0 <sup>±0.1</sup> (mm)		
Clear aperture	3.0 mm		
Wavefront aberration	0.030 rms Max. (Ref. λ = 405nm) 0.025 rms Max. (Tra. λ = 660nm)		
Trichroic coating characteristics	Wavelength	Incident angle	Characteristics
	405 ±5 nm	0° ±6°	Rp ≥ 84 % Rs ≥ 93 %
	660 ±10 nm	0° ±6°	Tp ≥ 93 % Ts ≥ 93 %
	785 ±15 nm	0° ±6°	Tp ≥ 94 % Ts ≥ 94 %
Reflectance of AR coating	1.0 % Max. (Incident angle: 0°)		

### Spectral Characteristics

