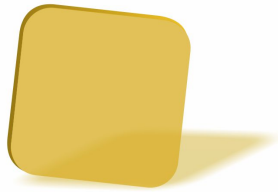


# laservision

## laser safety window P6P21

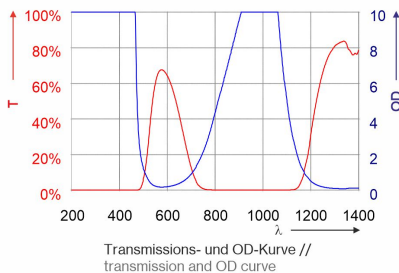


Articlenumber: 000P6P212001  
GTIN: 4050369076990  
Unit: 1 Stück  
Weight incl. packaging 0,07 kg  
Weight excl. packaging: 0,07 kg

### Highlights

The laservision plastic laser safety window P6P21 made of polycarbonate (with a thickness of approx. 3.0 - 3.2 mm) is a gold-colored laser safety window with an ESD coating (electrostatic discharge). It is certified according to the requirements of the DIN EN 61340-5-1 standard and laser protection shielding standard DIN EN 60825-4. Due to the high ODs in the UV and blue range (OD10+ from 180 to 458 nm; OD8+ >458-462nm), the broad wavelength area with high protection levels within the NIR (OD5+ from 815nm to 1100nm; OD8+ from 880nm to 1075nm, and OD10+ from 940 to 1055nm) and in the infrared area (OD8 + from 5230 to 14570 nm), the window is suitable for high power diodes as well as for disc, Nd: YAG, fiber or with CO2 lasers. The gold-colored laser safety window is 200x100mm in size and has good color vision and VLT of appr. 50%. The maximum size can be 2000 x 1150mm.

### Filtercurve



<b>COATING:</b>	ESD
<b>COLOUR:</b>	gold
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 3,0 bis 3,2 mm
<b>PROTECTION CLASS / NORM:</b>	EN 60825-4
<b>PROTECTION RANGE:</b>	near infrared, Infrared, visible, ultraviolett
<b>VLT (APPROX.):</b>	50%
<b>VISUAL BRIGHTNESS:</b>	Very good
<b>COLOUR RECOGNITION:</b>	Good

### DIN EN 60825-4

200 - 470nm | 40,7 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

815-1100nm | 40,7 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

5230-14250nm | 50,9 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

## laser safety window P6P21

### OD

Wavelength (NM)	OD
180 - 460	(OD10+)
>460 - 464	(OD8+)
>464 - 466	(OD6+)
780 - <800	(OD3+)
800 - <815	(OD4+)
815 - <835	(OD5+)
835 - <860	(OD6+)
860 - <880	(OD7+)
880 - <905	(OD8+)
905 - <940	(OD9+)
940 - 1055	(OD10+)
>1055 - 1065	(OD9+)
>1065 - 1075	(OD8+)
>1075 - 1081	(OD7+)
>1081 - 1090	(OD6+)
>1090 - 1100	(OD5+)
>1100 - 1110	(OD4+)
4780 - 5050	(OD5+)
5230 - 14570	(OD8+)