

laservision

laser safety window P6P21



Articlenumber: 000P6P212007

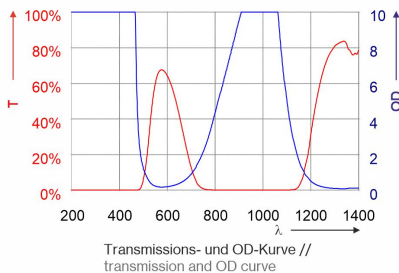
GTIN: 4050369077027

Unit: 1 Stück

Weight incl. packaging 0,97 kg

Weight excl. packaging: 0,97 kg

Filtercurve



Highlights

The laservision plastic laser safety window P6P21 (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 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 and high protection level 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 disk, Nd: YAG, fiber or with CO₂ lasers. The gold-colored laser safety window is 600x450mm in size and has good color vision and VLT of appr. 50%. The maximum size can be 2000 x 1150mm.

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

DIN EN 60825-4

200 - 470nm | 40,7 kW/m² | T2 | t_{max} = 105s

815-1100nm | 40,7 kW/m² | T2 | t_{max} = 105s

5230-14250nm | 50,9 kW/m² | T2 | t_{max} = 105s

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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+)