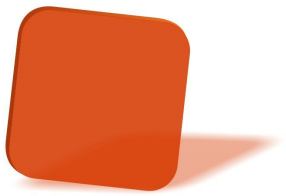
laservision

laser safety window T1M01



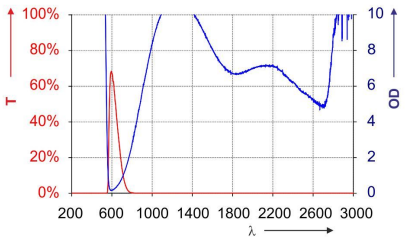
Highlights

The laservision mineral glass laser safety window T1M01 with lamination provides a high protective effect against UV, NIR and IR lasers within the spectral area 180-532nm and 808-11,500nm. The orange filter material features a 25% VLT and is customized available up to a size of 297x210nm. The thickness is approximately 10,0 - 13,1 mm. This window is certified acc. EN207 and CE marked with 5 sec. of test time.

Articlenumber: 000T1M011001
GTIN: 4050369018983
Unit: 1 Stück
Weight incl. packaging 0,80 kg
Weight excl. packaging: 0,53 kg

COATING:	no coating
COLOUR:	orange
FILTER MATERIAL:	Mineral glass
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 10,0 - 13,1 mm
PROPERTIES:	Neutral glass lamination
PROTECTION CLASS / NORM:	EN 207 full protection, EN 60825
PROTECTION RANGE:	near infrared, Infrared, visible, ultraviolett
VLT (APPROX.):	25%
VISUAL BRIGHTNESS:	Good
COLOUR RECOGNITION:	Slightly limited

Filtercurve



Transmissions- und OD-Kurve //
transmission and OD curve

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB5
>315 - 532	(OD8+)	D LB7 + IR LB8 + M LB8Y
808 - <890	(OD3+)	DIRM LB3
890 - <940	(OD5+)	DIRM LB5
940 - <1000	(OD6+)	DIRM LB6
1000 - <1025	(OD7+)	DIR LB7 + M LB7Y
1025 - 1100	(OD9+)	D LB7 + I LB9 + R LB8 + M LB8Y
>1100 - 1400	(OD8+)	D LB7 + IR LB8 + M LB8Y
>1400 - 3000	(OD4+)	DI LB4
>3000 - 11500	(OD5+)	DI LB5

LASERVISION GmbH | Würzburger Str. 152, D-90766 Fürth | **T** +49 911 9736 8100 | **E** info@lvg.com | **I** uvex-laservision.de

laservision

laser safety window T1M01

DIN EN 60825-4

200-532nm | 203 kW/m^2 | T2 | t_{max} = 105s

890-1400nm | 265 kW/m^2 | T2 | t_{max} = 105s

3000-25000nm | 409 kW/m^2 | T2 | t_{max} = 105s

LASERVISION GmbH | Würzburger Str. 152, D-90766 Fürth | **T** +49 911 9736 8100 | **E** info@lvg.com | **I** uvex-laservision.de