

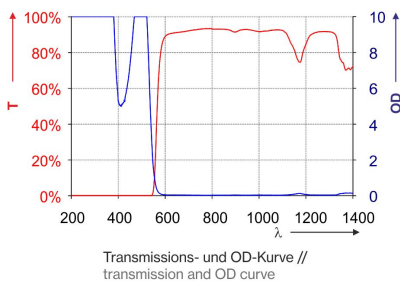
laservision

laser safety window P1N01



Articlenumber: 000P1N011002
GTIN: 4050369026995
Weight incl. packaging 0,23 kg
Weight excl. packaging: 0,23 kg

Filtercurve



Highlights

The laservision plastic laser safety window P1N01 is a window for green laser systems up to 535nm and offers an OD 10+ from 180 - 370nm and an OD6+ at 532nm. The orange colored filter material features 38% VLT and is user specific available up to a size of 1219x915mm. The thickness is 3mm. The window is CE certified according to EN 60825-4 and has additionally defined DIN 207 LB protection levels, which are confirmed by [manufacturer's declaration](#) based on external test reports.

COATING:	no coating
COLOUR:	orange
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 3mm
PROTECTION CLASS / NORM:	EN 60825, EN 207 full protection according to manufacturer's declaration
PROTECTION RANGE:	visible, ultraviolet
VLT (APPROX.):	38%
VISUAL BRIGHTNESS:	Sufficient
COLOUR RECOGNITION:	Slightly limited

laser safety window P1N01

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB6 + IR LB3 + M LB6Y
>315 - 370	(OD10+)	D LB5 + IR LB6 + M LB6Y
>370 - 383	(OD8+)	D LB5 + IR LB6 + M LB6Y
>383 - 391	(OD6+)	D LB5 + IR LB6 + M LB6Y
>391 - <445	(OD5+)	DIRM LB5
445 - <455	(OD6+)	D LB5 + IR LB6 + M LB6Y
455 - <463	(OD7+)	D LB5 + IR LB6 + M LB6Y
463 - 524	(OD8+)	D LB5 + IR LB6 + M LB6Y
>524 - 532	(OD6+)	D LB5 + IR LB6 + M LB6Y
>532 - 535	(OD5+)	DIRM LB5
>535 - 538	(OD4+)	DIRM LB4
>538 - 541	(OD3+)	DIRM LB3
>541 - 545	(OD2+)	DIRM LB2
>545 - 550	(OD1+)	DIRM LB1

DIN EN 60825-4

200-535nm | 37,7 kW/m² | T2 | t_{max} = 105s

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OD

WAVELENGTH (NM)	OD
180 - 315	(OD10+)
>315 - 370	(OD10+)
>370 - 383	(OD8+)
>383 - 391	(OD6+)
>391 - <445	(OD5+)
445 - <455	(OD6+)
455 - <463	(OD7+)
463 - 524	(OD8+)
>524 - 532	(OD6+)
>532 - 535	(OD5+)
>535 - 538	(OD4+)
>538 - 541	(OD3+)
>541 - 545	(OD2+)
>545 - 550	(OD1+)
5400 - <10600	(OD5+)
10600 - 11000	(OD6+)