

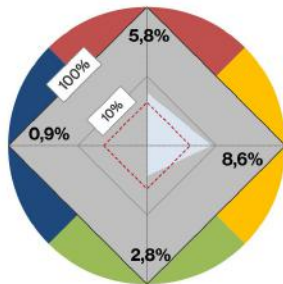
laservision

laser safety spectacle F42P1L07



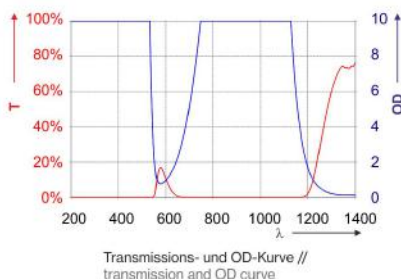
Article number: F42P1L071001
GTIN: 4050369050037
Unit: piece
Weight incl. packaging: 0,24 kg
Weight excl. packaging: 0,05 kg

Color view



Transmission der Signalfarben nach DIN EN 172 //
transmission of signal colours acc. to EN 172

Filter curve



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

Highlights

- Protection levels certified according EN 207
- Ti:Sa plus pump at 532, Nd:YAG plus harmonis plus diode
- 745 -1120nm rating: D LB6 + IRM LB8
- M-Protection Levels nearly from 180-1210nm
- Available in the frames [F18](#), [F22](#) and [F42](#)

The laser safety spectacle F42.P1L07.1001 with disinfectable standard temples, a quick release system (quick release) and cold-forming temple tips has got limited daylight transmission of approx. 10% which is sufficient in bright working environment. Colour recognition is slightly limited. The filter type P1L07 is certified with M-protection levels for nearly the full wavelength range between 180 and 1210nm and therefore especially suitable for supercontinuum lasers and ultra-short pulsed lasers. This goggle has high m-protection ratings within the wavelength area 745nm and 1120nm and it has full protection levels acc. to EN 207. It consists of an almost complete certified area from 180nm to 1210nm. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For cleaning the laser safety goggles, laservision recommends the professional cleaning station (A99.CLSTA.1300).

COATING:	Anti-scratch on both sides
PROTECTION CLASS / NORM:	EN 207 full protection
FRAME TYPE:	OTG with temples
PROPERTIES:	desinfizierbar kaltverformbare Bügelenden Lightweight M-protection rating Quick Release
FRAME:	F42
FILTER:	P1L07
FILTER COLOUR:	Brown
COLOUR RECOGNITION:	Good
FILTER THICKNESS:	ca. 2mm
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
PROTECTION RANGE:	near infrared ultraviolett visible
VISUAL BRIGHTNESS:	Sufficient
VLT (APPROX.):	10%

laser safety spectacle F42P1L07

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6
>315 - 534	(OD8+)	D LB6 + IRM LB8
>534 - 540	(OD6+)	DIRM LB6
>540 - 545	(OD3+)	DIRM LB3
630 - <660	(OD1+)	DIRM LB1
660 - <680	(OD2+)	DIRM LB2
680 - <700	(OD3+)	DIRM LB3
700 - <715	(OD4+)	DIRM LB4
715 - <725	(OD5+)	DIRM LB5
725 - <735	(OD6+)	DIRM LB6
735 - <745	(OD7+)	D LB6 + IRM LB7
745 - <755	(OD8+)	D LB6 + IRM LB8
755 - 1120	(OD9+)	D LB6 + IR LB8 + M LB9
>1120 - 1130	(OD7+)	D LB6 + IRM LB7
>1130 - 1135	(OD6+)	DIRM LB6
>1135 - 1145	(OD5+)	DIRM LB5
>1145 - 1155	(OD4+)	DIRM LB4
>1155 - 1165	(OD3+)	DIRM LB3
>1165 - 1180	(OD2+)	DIRM LB2
>1180 - 1210	(OD1+)	DIRM LB1