laservision

laser safety spectacle F18P1L13

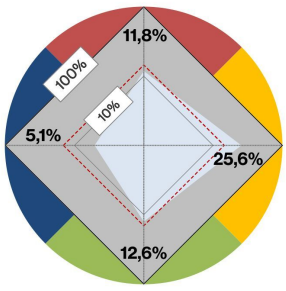
Highlights

- Alignment-/Full Protection with LB levels acc. to EN 207
- Especially suitable for IR-diodes, Nd:YAG and Er:YAG Laser
- Glare protection filter with additional IR-safety
- RGB-Alignment filter
- Good colour view and high VLT
- Broad band filter for medical applications
- Available in the frame F18/F22, and F42

Articlenumber: F18P1L131001
GTIN: 4050369028678
Unit: 1 Stück
Weight incl. packaging 0,23 kg
Weight excl. packaging: 0,04 kg

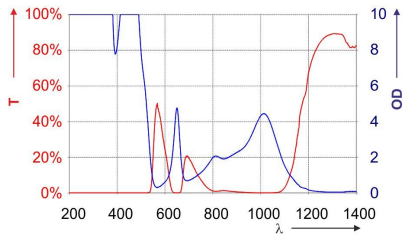
The laser and glare safety eyewear F18.P1L13.1001 with flex temples is especially suitable for diode laser, Nd:YAG and Er:YAG. It is deemed to be a broadband filter for medical applications as well as glare protection for civil and military in the field. It possesses full protection levels acc. EN 207 within the area 180nm up to 1100nm and features M-protection ratings within the complete area. The eyewear comes in a sustainably produced hexagonal cardboard box, along with a microfiber pouch and a cord to hang the goggles on. For a professional cleaning of laser safety spectacles laservision recommends the cleaning station (A99.CLSTA.1300).

Color view



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

Filtercurve



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

COATING:	no coating
FILTER:	P1L13
FILTER COLOUR:	Brown
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F18
FRAME TYPE:	OTG with temples
PROPERTIES:	Lightweight, M-protection rating
PROTECTION CLASS / NORM:	EN 207 full protection, EN 208 Alignment protection
PROTECTION RANGE:	near infrared, visible, ultraviolett
VLT (APPROX.):	21%
VISUAL BRIGHTNESS:	Limited
COLOUR RECOGNITION:	Good

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

laservision

laser safety spectacle F18P1L13

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD3+)	DIRM LB3
>315 - 532	(OD3+)	DIRM LB3
529 - 532	–	1W 2x10E-4J RB3
>532 - 538	–	0,1W 2x10E-5J RB2
>538 - 545	–	0,01W 2x10E-6J RB1
620 - <631	–	0,01W 2x10E-6J RB1
631 - <638	–	0,1W 2x10E-5J RB2
638 - 661	(OD3+)	DIRM LB3
656 - 661	–	1W 2x10E-4J RB3
>661 - 666	–	0,1W 2x10E-5J RB2
>666 - 674	–	0,01W 2x10E-6J RB1
790 - <960	(OD2+)	DIRM LB2
960 - 1070	(OD3+)	DIRM LB3
>1070 - 1090	(OD2+)	DIRM LB2

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