laservision

laser safety spectacle F18P1L16

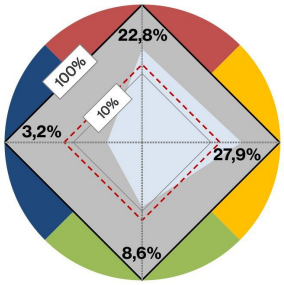
Articlenumber: F18P1L161001
GTIN: 4050369036291
Unit: 1 Stück
Weight incl. packaging 0,23 kg
Weight excl. packaging: 0,04 kg

Highlights

- Alignment-/Full Protection with LB levels acc. to EN 207 and EN 208
- Especially suitable for high power lasers in the UV, blue and green area up to 535nm
- for lasers at 694nm and IR-lasers at 808-1080nm. Adjustment lasers at 640-655nm
- Broad band filter for different medical applications
- Good colour view and high VLT
- F18, F22, **F42 and F46** OTG with flexible and foldable temples

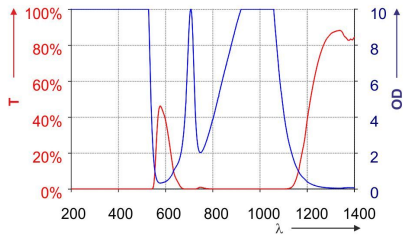
The laser safety goggle F18.P1L16.1001 is suitable for different applications with high power lasers in the UV, blue and green area up to 535nm as well as lasers at 694nm, IR-lasers from 808-1080nm and Adjustment lasers from 640-655nm.The eyewear comes in a sustainably produced hexagonal cardboard box, 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
CUSHION:	No cushion
FILTER:	P1L16
FILTER COLOUR:	Orange
FILTER CURVATURE:	Flat filter
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F18
FRAME TYPE:	OTG with temples
PROPERTIES:	Lightweight
PROTECTION CLASS / NORM:	EN 207 full protection, EN 208 Alignment protection
PROTECTION RANGE:	near infrared, visible, ultraviolett
VLT (APPROX.):	15%
VISUAL BRIGHTNESS:	Low
COLOUR RECOGNITION:	Limited

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

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 532	(OD8+)	D LB6 + IR LB8 + M LB8Y
>532 - 535	(OD6+)	DIRM LB6
640 - 655	–	0,01W 2x10E-6J RB1
690 - <694	(OD6+)	DIRM LB6
694 - 715	(OD8+)	D LB6 + IM LB7 + R LB8
808 - <890	(OD4+)	DIRM LB4
890 - 1064	(OD8+)	D LB6 + IR LB8 + M LB8Y
>1064 - 1075	(OD7+)	D LB6 + IRM LB7
>1075 - 1080	(OD6+)	DIRM LB6

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