

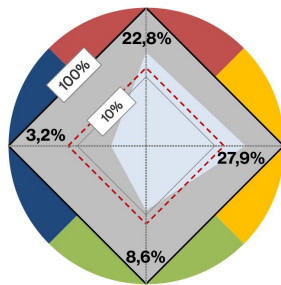
# laservision

## laser safety spectacle F42P1L16



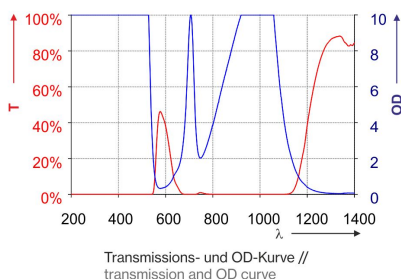
Articlenumber: F42P1L161001  
GTIN: 4050369050099  
Unit: 1 Stück  
Weight incl. packaging 0,24 kg

### 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

### 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 spectacle F42.P1L16.1001 with disinfectable folding brackets, the new quick release system and cold-malleable temple tips is especially suitable for different applications with high power lasers in the UV, blue and green area up to 535nm, within the red visible range at 694nm, as well as for NIR-lasers from 808-1080nm. This laser safety goggle F42P1L16 can also be used for alignment applications at a range from 640-655nm, certified acc. EN 208). Due to the rectangular shape with flat geometry and almost straight side parts, the glasses continue to fit over most current prescription glasses. The delivery takes place in a soft case together with a cord for putting on the spectacle. For cleaning the laser safety goggles, laservision recommends the professional cleaning station (A99.CLSTA.1300).

<b>COATING:</b>	no coating
<b>FILTER:</b>	P1L16
<b>FILTER COLOUR:</b>	Orange
<b>FILTER MATERIAL:</b>	Plastic
<b>FILTER TECHNOLOGY:</b>	Absorption filter
<b>FILTER THICKNESS:</b>	ca. 2mm
<b>FRAME:</b>	F42
<b>FRAME TYPE:</b>	OTG with temples
<b>PROPERTIES:</b>	Quick Release, Lightweight, kaltverformbare Bügelenden, desinfizierbar
<b>PROTECTION CLASS / NORM:</b>	EN 207 full protection, EN 208 Alignment protection
<b>PROTECTION RANGE:</b>	near infrared, visible, ultraviolet
<b>VLT (APPROX.):</b>	15%
<b>VISUAL BRIGHTNESS:</b>	Low
<b>COLOUR RECOGNITION:</b>	Limited

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## laser safety spectacle F42P1L16

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	(OD1-2)	0,01W 2x10E-6J RB1
690 - <694	(OD6+)	DIRM LB6
694 - 715	(OD8+)	D LB6 + I LB7 + R LB8 + M LB7
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