

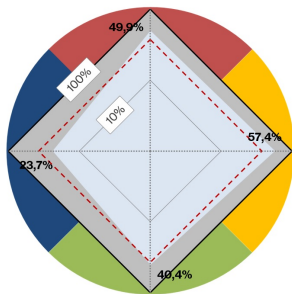
# laservision

## laser safety spectacle F42P1P18



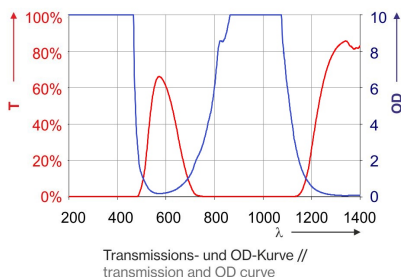
Articlenumber: F42P1P181001  
GTIN: 4050369050921  
Unit: 1 Stück  
Weight incl. packaging 0,24 kg  
Weight excl. packaging: 0,05 kg

### Color view



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

### Filtercurve



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

### Highlights

- protection levels are certified acc. EN 207
- full protection within the UV, VIS, NIR and IR range
- suitable for diode laser at 808 to 1064nm, for UV-laser, blue lasers and Nd:YAG-laser
- disc- and fiberlaser as well as CO<sub>2</sub>
- available in the frames [F18/ F22/ F27/ F29/ F42](#) and [FS1](#)
- very good daylight transmission (app. 47% VLT)
- good color view

The laser safety spectacle F42.P1P18.1001 with disinfectable hinged arms, a quick release system and cold-forming temple tips has a daylight transmission of approx. 47% and a good color vision. The laser safety glasses consist of a gold-colored, absorbent plastic filter and is suitable for diode lasers 808 to 1064nm, for UV laser, blue- and NdYAG laser as well as for disc-, fiber and CO<sub>2</sub>-laser. The laser safety glasses from laservision can also be used in the medical sector, especially for applications with dental, surgical and dermatological lasers. The disinfectable frame with cold-forged hinges and the new quick release can also be worn as overglasses via prescription lenses. 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).

<b>COATING:</b>	no coating
<b>FILTER:</b>	P1P18
<b>FILTER COLOUR:</b>	Gold
<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
<b>PROTECTION RANGE:</b>	near infrared, Infrared, visible, ultraviolett
<b>VLT (APPROX.):</b>	47%
<b>VISUAL BRIGHTNESS:</b>	Very good

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laser safety spectacle F42P1P18

COLOUR RECOGNITION: Good

## laser safety spectacle F42P1P18

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
185 - 315	(OD10+)	D LB10 + IR LB4 + M LB6
>315 - 462	(OD10+)	D LB6 + IR LB8 + M LB8Y
>462 - 464	(OD9+)	D LB6 + IR LB8 + M LB8Y
>464 - 466	(OD8+)	D LB6 + IR LB8 + M LB8Y
>466 - 468	(OD7+)	D LB6 + IRM LB7
>468 - 470	(OD6+)	DIRM LB6
>470 - 472	(OD5+)	DIRM LB5
>472 - 475	(OD4+)	DIRM LB4
>475 - 478	(OD3+)	DIRM LB3
>478 - 485	(OD2+)	DIRM LB2
>485 - 500	(OD1+)	DIRM LB1
700 - <733	(OD1+)	DIRM LB1
733 - <763	(OD2+)	DIRM LB2
763 - <780	(OD3+)	DIRM LB3
780 - <795	(OD4+)	DIRM LB4
795 - <800	(OD5+)	DIRM LB5
800 - <813	(OD6+)	DIRM LB6
813 - <847	(OD7+)	D LB6 + IRM LB7
847 - <864	(OD8+)	D LB6 + IRM LB8
864 - <880	(OD9+)	D LB6 + IR LB8 + M LB9
880 - 1070	(OD10+)	D LB6 + I LB9 + R LB8 + M LB10
>1070 - 1075	(OD9+)	D LB6 + IR LB8 + M LB9
>1075 - 1080	(OD8+)	D LB6 + IRM LB8
>1080 - 1087	(OD7+)	D LB6 + IRM LB7
>1087 - 1100	(OD6+)	DIRM LB6
>1100 - 1108	(OD5+)	DIRM LB5
>1108 - 1115	(OD4+)	DIRM LB4
>1115 - 1126	(OD3+)	DIRM LB3
>1126 - 1143	(OD2+)	DIRM LB2
>1143 - 1150	(OD1+)	DIRM LB1
5250 - 14000	(OD5+)	DI LB4 + R LB3Y