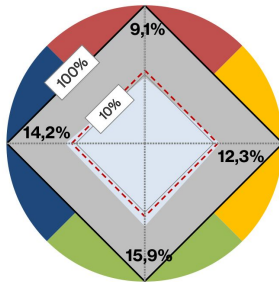


## laser safety spectacle F29P1P10



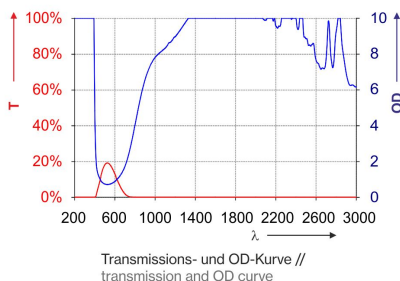
Articlenumber: F29P1P101001  
GTIN: 4050369026391  
Unit: 1 Stück  
Weight incl. packaging 0,23 kg  
Weight excl. packaging: 0,03 kg

### 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

- Full (LB) and Alignment Protection (RB) acc. to EN 207/208
- M-protection rating
- Available in the frames [F18](#), [F22](#), [F29](#), [F42](#), [F47](#), [F27](#), [FS1](#)
- Anti-Scratch standard coating
- 1030-1400nm D LB6 + IRM LB8
- also available as laser safety window with 3 or 6mm thickness

The laser safety spectacle F29.P1P10.1001 is certified, with just less interruptions, for the wavelength range 180-11500nm acc. EN 207 (full protection) and especially features high protection levels within the IR range. Additionally it has M-protection ratings for ultra short laser pulses and alignment protection acc. EN 208 within the area 640-700nm. 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).

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| COATING:                 | Anti-scratch on both sides                          |
| CUSHION:                 | No cushion                                          |
| FILTER:                  | P1P10                                               |
| FILTER COLOUR:           | Blue                                                |
| FILTER MATERIAL:         | Plastic                                             |
| FILTER TECHNOLOGY:       | Absorption filter                                   |
| FILTER THICKNESS:        | ca. 2mm                                             |
| FRAME:                   | F29                                                 |
| FRAME TYPE:              | Spectacle                                           |
| PROPERTIES:              | Lightweight, M-protection rating                    |
| PROTECTION CLASS / NORM: | EN 207 full protection, EN 208 Alignment protection |
| PROTECTION RANGE:        | near infrared, Infrared, visible, ultraviolet       |
| VLТ (APPROX.):           | 16%                                                 |
| VISUAL BRIGHTNESS:       | Sufficient                                          |
| COLOUR RECOGNITION:      | Good                                                |

## laser safety spectacle F29P1P10

| WAVELENGTH    | OD      | OPERATING MODE / TESTED PROTECTION LEVEL |
|---------------|---------|------------------------------------------|
| 180 - 315     | (OD10+) | D LB10 + IR LB4 + M LB6                  |
| >315 - 385    | (OD8+)  | D LB6 + IRM LB8                          |
| >385 - 400    | (OD4+)  | DIRM LB4                                 |
| 635 - <720    | (OD1+)  | DIRM LB1                                 |
| 720 - <770    | (OD2+)  | DIRM LB2                                 |
| 770 - <800    | (OD3+)  | DIRM LB3                                 |
| 800 - <840    | (OD4+)  | DIRM LB4                                 |
| 840 - <880    | (OD5+)  | DIRM LB5                                 |
| 880 - <960    | (OD6+)  | DIRM LB6                                 |
| 960 - <1030   | (OD7+)  | D LB6 + IRM LB7                          |
| 1030 - 1400   | (OD8+)  | D LB6 + IRM LB8                          |
| >1400 - 3600  | (OD4+)  | DIM LB4 + R LB3Y                         |
| >3600 - 5250  | (OD3+)  | DIM LB3 + R LB3Y                         |
| >5250 - 14000 | (OD5+)  | DI LB4 + R LB3Y + M LB5Y                 |