

laservision

laser safety magnifier F27P1F01 420mm



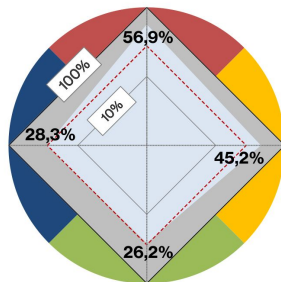
Articlenumber: F27P1F011241
GTIN: 4050369023475
Unit: piece
Weight incl. packaging: 0,59 kg
Weight excl. packaging: 0,10 kg

Highlights

- LB Protection levels acc. EN 207
- Suitable for Alexandrite and IR-diode lasers
- Low weight and high wearing comfort
- Very good colour view and high VLT
- Available in the frames [F18](#), [F20](#), [F22](#), [F29](#), [F42](#) and as a laser safety magnifier [F27](#).

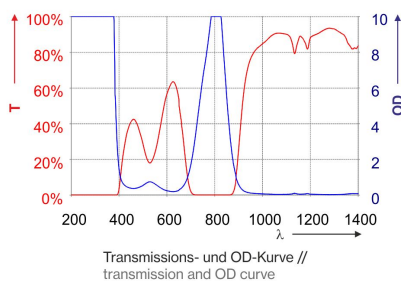
The laser safety magnifier F27.P1F01.1241 offers a very good color view and a high VLT. The magenta colored filter is suitable for alexandrit and IR-diode lasers within the wavelength range 810nm and 840-855nm. The laser safety magnifier F27 combines the proven OTG frame F22, supported by the new developed adapter, with a binocular magnifier HR2.5x/420mm from one of the leading german manufacturers. The standard magnification is 2,5 at a working distance of 420mm.

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 CURVATURE:	Flat filter
PROTECTION CLASS / NORM:	EN 207 full protection
CUSHION:	No cushion
FRAME TYPE:	OTG with temples
PROPERTIES:	Lightweight
FRAME:	F27
FILTER:	P1F01
FILTER COLOUR:	Magenta
COLOUR RECOGNITION:	Good
FILTER THICKNESS:	ca. 2mm
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
PROTECTION RANGE:	near infrared ultraviolett
VISUAL BRIGHTNESS:	Good
VLT (APPROX.):	35%

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WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD5+)	D LB5 + R LB4
>315 - 375	(OD5+)	D LB4 + R LB5
>375 - 390	(OD3+)	DR LB3
730 - <755	(OD4+)	DIR LB4
755 - 840	(OD7+)	DR LB5 + I LB7Y
>840 - 855	(OD4+)	DIR LB4