

B3-IR-FILTER

IR filter for BEAMAGE camera.



KEY FEATURES

IR LOW-PASS FILTER

The B3-IR-FILTER is a color glass filter specifically designed for IR applications. Acting as a low-pass filter, the B3-IR-FILTER cuts all the wavelengths below 1250 nm and only lets the IR wavelengths pass. It transmits approximately 70% of the incident light.

READY TO USE WITHIN MINUTES

The B3-IR-FILTER is SM1 threaded and comes with a SM1 to C-mount adaptor so you can mount it on the BEAMAGE camera.



SPECIFICATIONS

MEASUREMENT CAPABILITIES

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|------------------|-------------------|
| Spectral range | 1250 - 1350 nm |
| Parallelism | < 3 arcmin |
| Maximum power | 1 W |
| Surface quality | 80-50 Scratch-Dig |
| Surface flatness | < $\lambda/4$ |
| Thickness | 6.3 mm |

DAMAGE THRESHOLDS

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|-------------------|----------------------|
| Damage thresholds | 30 W/cm ² |
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PHYSICAL CHARACTERISTICS

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|-----------------------|-------------------------------|
| Dimensions | 30.5 \varnothing X 11.4D mm |
| Weight | 0.04 kg |
| Mounting thread | SM1 |
| Clear aperture | 80% of area |
| Adaptor included | SM1 / C-Mount |
| Dimensional tolerance | +0.0/-0.2 mm |

ORDERING INFORMATION

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|--------------|--------|
| B3-IR-FILTER | 202855 |
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Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

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