

BSF23G23N

UV converter for BEAMAGE: 23 mm aperture, G-type crystal.



KEY FEATURES

CONVERT UV LIGHT TO VISIBLE

The BSF series transforms wavelengths contained between X-rays and 400 nm to visible and near-IR wavelengths.

IMAGE LARGER BEAMS

The magnification properties allow you to image beams that are larger than the sensor.

CONTROL THE EXPOSURE

Built with an iris at the output port for a control of the exposure on the CMOS sensor.

READY TO USE WITHIN MINUTES

Removable extension tube that is easily fixed onto the entrance port of the BEAMAGE camera.

SPECIFICATIONS

MEASUREMENT CAPABILITIES

Spectral range	110 - 350 nm
Maximum beam size	13.8 x 18.4 mm
Pixel multiplication factor (PMF)	2.6
Maximum repetition rate	20 kHz
Crystal type	P
Decay time	5 µsec
Relative Response (@ 193 nm)	48 (193 nm) 15 (248 nm) 1 (308 nm)
Relative Response (@ 248 nm)	15
Relative Response (@ 308 nm)	1
Saturation Level (@ 193 nm)	30 mJ/cm ² (193 nm) 30 mJ/cm ² (248 nm) 50 mJ/cm ² (308 nm)
Saturation Level (@ 248 nm)	30 mJ/cm ²
Saturation Level (@ 308 nm)	50 mJ/cm ²

DAMAGE THRESHOLDS

PHYSICAL CHARACTERISTICS

Dimensions	35Ø X 108D mm
Weight	0.21 kg

ORDERING INFORMATION

BSF23G23N

INTERESTED IN THIS PRODUCT?

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