

## BSF23P23N

UV converter for BEAMAGE: 23 mm aperture, P-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 - 535 nm
Maximum beam size	13.8 x 18.4 mm
Pixel multiplication factor (PMF)	2.6
Maximum repetition rate	30 Hz
Crystal type	R
Decay time	3000 µsec
Relative Response (@ 193 nm)	100 (193 nm) 8 (248 nm) 0.18 (308 nm)
Relative Response (@ 248 nm)	8
Relative Response (@ 308 nm)	0.18
Saturation Level (@ 193 nm)	50 mJ/cm <sup>2</sup> (193 nm) 400 mJ/cm <sup>2</sup> (248 nm) 400 mJ/cm <sup>2</sup> (308 nm)
Saturation Level (@ 248 nm)	400 mJ/cm <sup>2</sup>
Saturation Level (@ 308 nm)	400 mJ/cm <sup>2</sup>

### DAMAGE THRESHOLDS

### PHYSICAL CHARACTERISTICS

Dimensions	35Ø X 108D mm
Weight	0.21 kg

### ORDERING INFORMATION

BSF23P23N

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at [gentec-eo.com/contact-us](https://gentec-eo.com/contact-us)