

## SiC-Photodiodes Overview

No other detector material can offer the unique advantages of ifw's silicon carbide detectors (SiC) in UV-applications

- Intrinsic „solar blind“, i. e. spectral response is limited to the range of 205 – 355 nm and no additional blocking of unwanted visual and IR-radiation is necessary
- Proven outstanding long term stability under high dosis of UV-C-radiation (up to 1000 Wm<sup>-2</sup>)
- Excellent temperature stability, (temperature coefficient  $T_k < -0,06\%/K$ ), stable long term operation of up to +200°C at special types
- Offered with radiation hard standard space approved filters (optional) for narrow bands such as UV-A, UV-B, UV-BC und UV-C
- Offered with integrated electronics/amplifiers (optional)



### Basics

- [JEA0,1 /0,1S /0,1SS](#)
- [JEA0,25 /0,25S /0,25SS](#)
- [JEA1 /1S /1SS](#)
- [JEA2 /2S / 2SS](#)
- [JEA5](#)

### Basics with UV –A/B/BC/C Filter

- [JEA0,1F](#)
- [JEA0,1F-S](#)
- [JEA0,25F](#)
- [JEA1F](#)
- [JEA2F](#)
- [JEA5F](#)

### Quadrant Photodiode

- [JQA5](#)