

Overview SiC-Photodiodes

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⁻²)
- Excellent temperature stability, (temperature coefficient $T_k < -0,06\%/K$), stable long term operation of up to +150°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

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

Basics with UV –A/B/BC/C Filter

- [JEC0,1A](#)
- [JEA 0,1C/0,1BC/0,1B](#)
- [JEA0,1C-S/0,1BC-S/0,1B-S](#)
- [JEA0,25A/JEA0,25B/JEA0,25C](#)
- [JEA0,25E](#)
- [JEA1C/1BC/1B](#)
- [JEA2C/2BC/2B](#)

Quadrant Photodiode

- [JQA5](#)