

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 200 - 400nm 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 1000Wm^{-2})
- excellent temperature stability, (temperature coefficient $Tk < -0,06\%/K$), stable long term operation of up to $+150^{\circ}\text{C}$ 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

- [JEC 0.1S/SS](#)
- [JEC 0.3S/SS](#)
- [JEC 1S/SS](#)
- [JEC 4](#)
- [JEC 1.6/JEC5](#)

Basics with Filter

- [JEC 0.1*](#)
- [JEC 0,3*](#)
- [JEC 1*](#)

Special

- [JEC 0.1](#)
- [JEC 0.1-4L](#)
- [JEC 0.1HT](#)
- [JEC 0,1I](#)
- [JEC 0.1IS/ISZ](#)
- [JEC 0.1SHT/SSHT](#)
- [JEC 0.3](#)
- [JEC 0.3-4L](#)

Special

- [JEC 0.3HT](#)
- [JEC 0.3I](#)
- [JEC 0.3IS/ISZ](#)
- [JEC 0.3SHT/SSHT](#)
- [JEC 1](#)
- [JEC 1h](#)
- [JEC 1HT](#)
- [JEC 1I](#)
- [JEC 1IS/ISZ](#)
- [JEC 1SHT/SSHT](#)
- [JEC 1.6I/JEC 5I](#)
- [JEC 4HT](#)

Erythem

- [JEC 0.3E](#)
- [JEC 1/0.1I-DE](#)
- [JEC 1I-DE](#)

Quadrant Photodiodes

- [JQC5R](#)

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