100 Gbit/s SELF-BIASED PHOTODETECTOR MODULE

AT A GLANCE

- O/E conversion without power supply
- Ultra-high bandwidth
- C-band operation

Features

- O/E conversion up to 107 Gbit/s
- In ESD critical environments, high-voltage (e.g. 100 kV) terminals
- No external biasing
- Wavelength range 1480-1620 nm
- Packaged into modules with fibre pigtail (FC/PC) and a female 1mm connector

Applications

- Remote sensing
- Remote o/e conversion
- Remote antenna feeding

www.hhi.fraunhofer.de Products and Solutions
The photodetector modules are lab samples and should not be used on any life critical application without prior written permission from the supplier. Specifications are subject to change without notice due to further product improvements.

The Fraunhofer HHI

One of the prime research and development foci of the Fraunhofer Heinrich Hertz Institute lies in photonic networks, components and systems and their application in fields such as digital media.

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Eye Pattern at 107 Gbit/s Datarates

Bandwidth and Dynamical Range

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