

High Speed (up to 30 Gbit/s) Multi-Mode Fiber-Coupled Photodetector Module (900-1350 nm)

WITH FC CONNECTORIZED FIBER PIGTAIL

Product Code: **D25-980M**



Not hermetically sealed

Product Description

These high speed photodetector modules consist of an InP *pin* photodetector integrated with a 50 μm -core diameter multimode fiber for optical input. The responsivity is greater than 0.4 A/W at 980 nm. The modules are engineering samples and use an optional external DC bias-T.

Features

- MMF Pigtail (50 μm core, 1 m length);
- Anritsu V electrical connector;
- FC/ APC optical output connector;
- 3 dB bandwidth ≥ 25 GHz

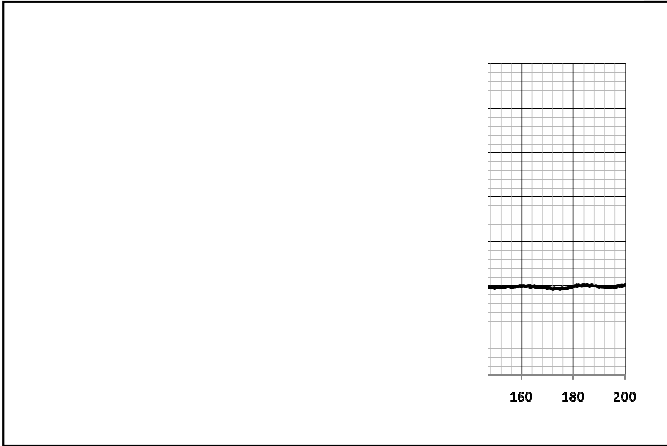
Applications

- Fiber optics systems tests
- Research and development
- VCSEL testing

Parameter	Typical	Notes
Operating Wavelength	900 ~ 1350 nm	
3 dB Bandwidth	≥ 25 GHz	
Rise time (20% to 80%)	9 ps	
FWHM Pulse Width	21 ps @ -2V	< 3 ps input from TiSa + OPO
Maximum Responsivity	0.5 A/W	
Dark Current	< 1 nA	
Reverse bias voltage	-1 to -4 volts	
Maximum input power	2 mW @ 980 nm	

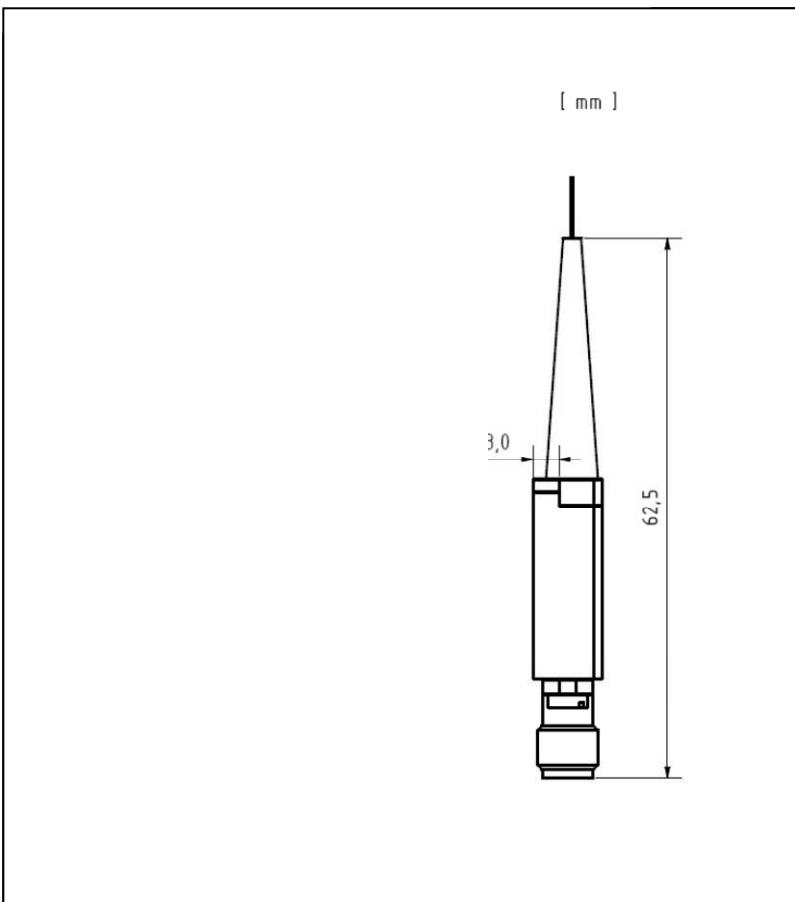
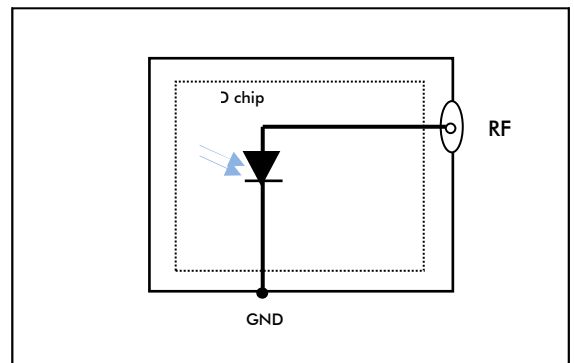
All product specifications and descriptions are subject to change without notice.

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Measurement courtesy of the Institut für Festkörperphysik, TU Berlin.

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