

PL-DET

High Speed Detectors



- Compact OEM-Module
- Suitable for almost every PIN diode
- Small and very low costs
- Only for pulsed operation

Technical Data:*

Output	50 coax RG 174
Supply	12 V Battery
Battery life	approx. 1-2 years
Dimensions in mm	60 x 13 mm
Weight	50 g
Operating temperature	0 to +45 °C

* Technical data is preliminary and subject to change without further notice.

Product Description:

The PL-DET is an inexpensive and compact detector. Two different types are available. Hence, it is also available without diode to give the customer the highest degree of flexibility in choosing his preferred PIN-diode.

Available Diode Options:

(Other PIN-Diodes on request)

Detector Version: PL-DET 005

Active area	0.5 x 0.5 mm ²
Cut-off frequency (-3dB)	0.9 GHz
Rise time	approx. 0.4 ns
Spectral sensitivity	typ. 0.5 A/W @ 800 nm

Detector Version: PL-DET 01

Active area	1 x 1 mm ²
Cut-off frequency (-3dB)	>400 MHz
Rise time	approx. 1 ns
Spectral sensitivity	typ. 0.5 A/W @ 800 nm

