



PRODUCT



ULN-PDB

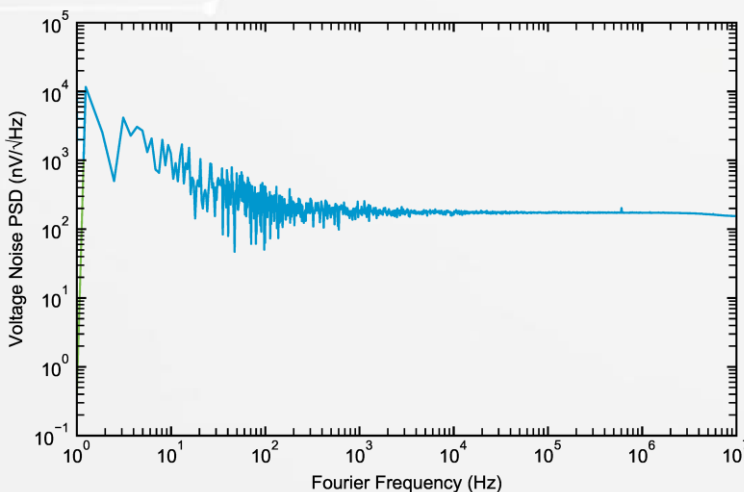
ULTRALOW NOISE BALANCED PHOTODETECTOR

The ULN-PDB module is a plug and play ultralow noise balanced photodetector in a compact and user-friendly package. It is proposed with InGaAs, Si or GaAs photodiodes and offers a bandwidth of 100 MHz with a high gain of 39 kV/A in a DC-coupled version.



SPECIFICATIONS

- Number of output: 1
- Trans-impedance gain: 39 kV/A
- Output impedance: 50 Ω
- Bandwidth: 100 MHz
- Output connectors: SMA female
- Input connectors: FC
- Output voltage range: -3V to +3V
- Product dimensions: 108 x 79 x 33 mm³
- Product weight: approx. 300g
- Mono-color LED display



PERFORMANCES

Typical voltage noise power spectral density of the output with 500 μ W optical power:

(limited by the measurement noise floor)

