



ULN-PDB

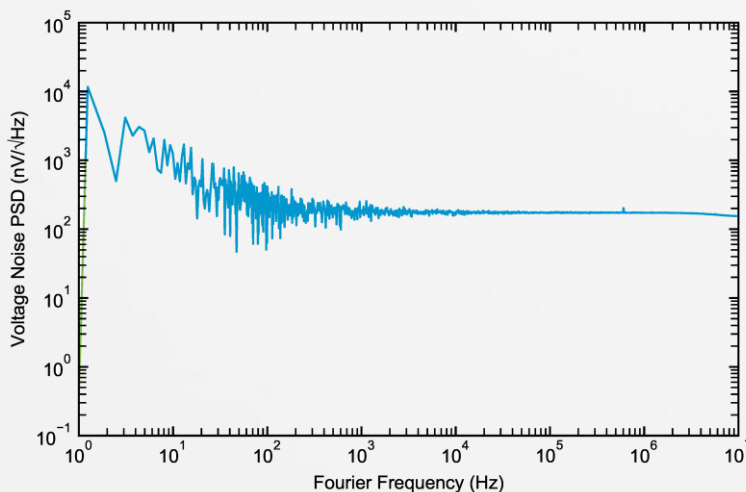
ULTRALOW NOISE BALANCED PHOTODETECTOR

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 up to 3,9 kV/A in a DC-coupled version.



SPECIFICATIONS

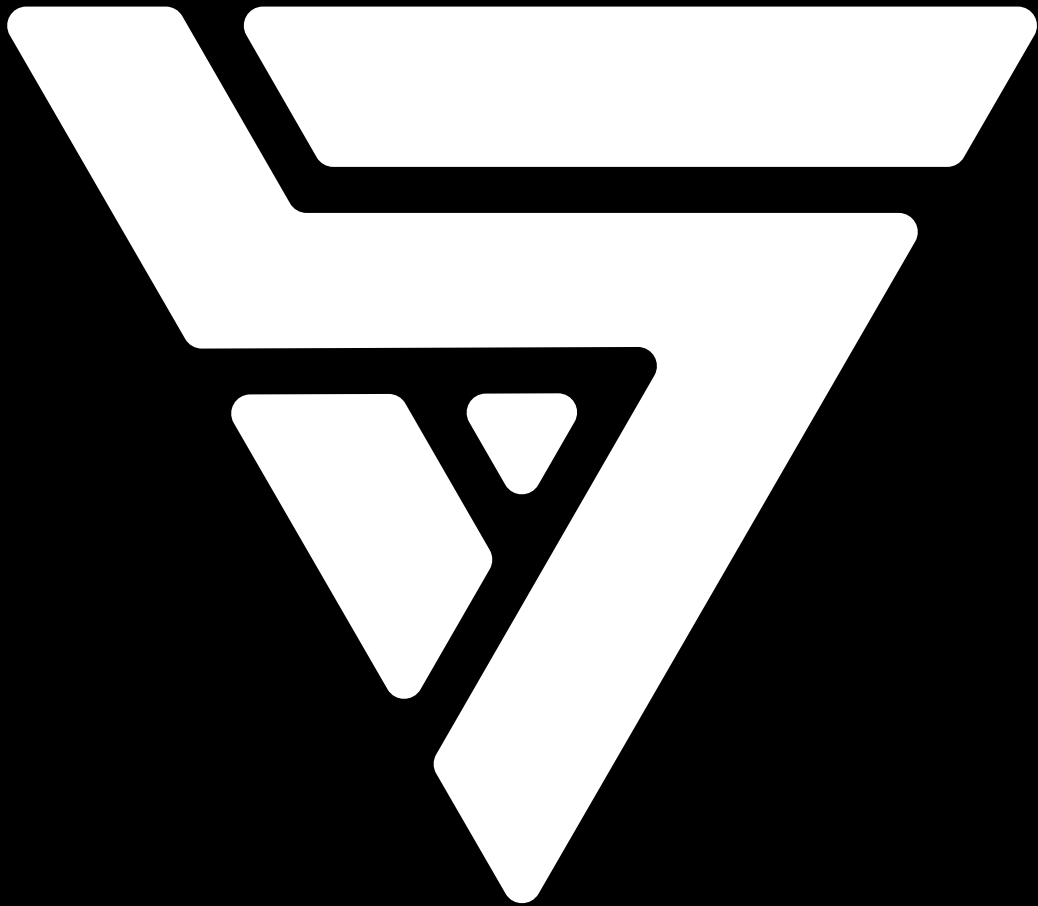
- Number of outputs: 2
- Trans-impedance gain: 3.9 kV/A (x1) and 39 kV/A (x10)
- Output impedance: 50 Ω
- Bandwidth: 100 MHz
- Output connectors: SMA female
- Input connectors: FC
- Output voltage range: -3 V to +3 V
- Input supply: 5 to 9 VDC
- Input plug: P1J
- Product dimensions: 71 x 48 x 29 mm³
- Product weight: approx. 300g
- Bi-color LED display



PERFORMANCES

Typical voltage noise power spectral density of the output with x1 channel and 500 μ W optical power:

(limited by the measurement noise floor)



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