Balanced photodetectors up to 2.5 GHz

Matched photodiodes and a low-noise transimpedance amplifier for differential optical detection.



Representative series photograph. Packaging depends on configuration.

Technical specifications

Spectral-range options	400-1100 nm; 850-1700 nm
Typical wavelengths	850, 1064, 1310, 1550 nm
Series bandwidth	Up to 2.5 GHz
Common-mode rejection	>25 dB; configuration dependent
Gain	Fixed and adjustable options

Applications

Optical coherence tomography / Heterodyne detection / Lidar

Selecting your configuration

Specify wavelength, required bandwidth and gain, input power balance and output swing. Rejection and noise must be checked at the actual measurement frequency.

Series options are not guaranteed combinations. Precisometer confirms the specifications, interfaces and availability of your selected configuration in a quotation.

Product page and enquiry | info@precisometer.com