Low-noise PIN photoreceivers

Amplified PIN receivers for weak optical signal measurement, with fiber or free-space coupling.



Representative series photograph. Packaging depends on configuration.

Technical specifications

Silicon spectral range	300-1000 nm
InGaAs spectral range	900-1700 nm
Bandwidth options	200 kHz; 10, 200, 500 MHz; 1, 2 GHz
Electrical output	SMA
Optical input	Fiber or free space

Applications

Weak-signal detection / Heterodyne detection / Analog optical receivers

Selecting your configuration

Select transimpedance gain and bandwidth together. Confirm noise-equivalent power, output limits, detector area and coupling for the selected receiver.

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