



Series 9: NIR Enhanced Response Silicon Avalanche Photodiodes

Pacific Silicon Sensor's standard APD product line consists of two different series of devices, each designed and produced to meet certain specifications and design goals. While we offer a variety of choices in each series, we realize that you may have additional requirements or design parameters; each of your concerns and requirements can be met on an application specific (custom) basis. We are the world leader in custom APD devices, and encourage you to contact us to discuss your specific application.

Whatever your light sensing problem... Make Pacific Silicon Sensor your solution!

Table with 11 columns: Part Number, Active Area (Size and mm²), Dark Current (Typ and Max), Capacitance, Break Down Vbr, Cut-off Frequency, Rise Time, Optimum Gain, Gain, and Pkg. Includes part numbers like AD-230-9, AD-500-9, etc.

AD 230-9-400M-TO5: NIR-APD Hybrid module with integral TIA.
AD500-9-400M-TO5: NIR-APD Hybrid module with integral TIA.

Responsivity for all Series -9 APD's is 0.60 A/W @ 905nm (M = 1).
Temperature Coefficient of Vbr for all Series -9 APD's is 1.55V/°C.
All values typical (unless stated otherwise) measured @ 22C.

