

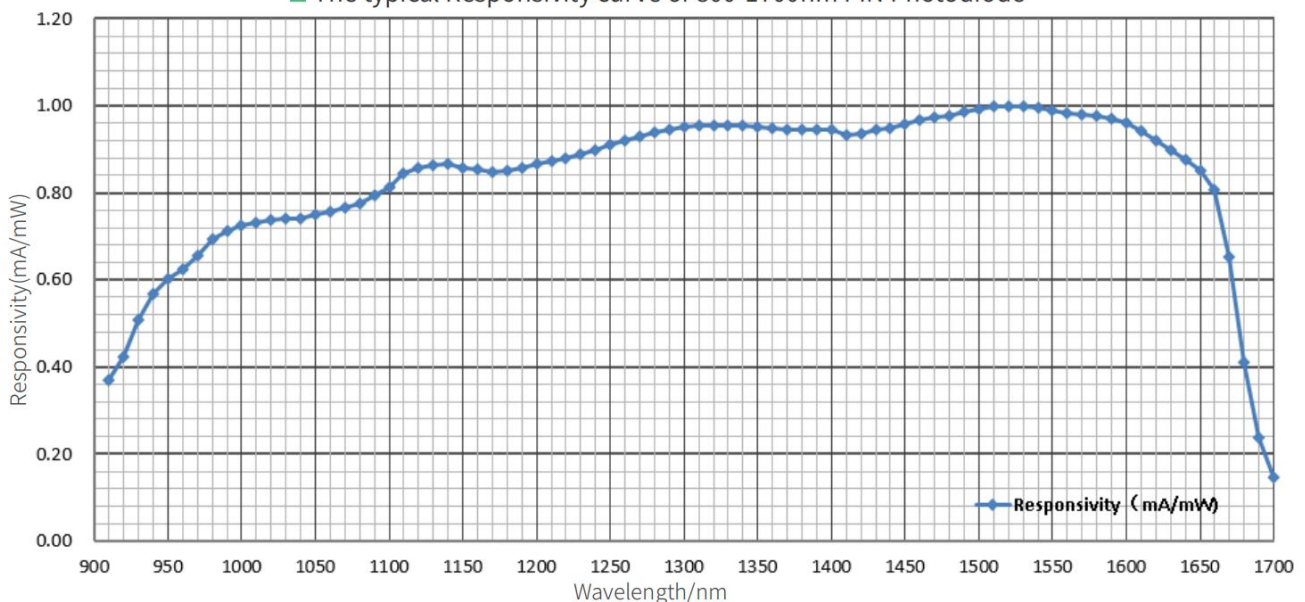
1201 Photodiode

PD3002

800 nm to 1700 nm InGaAs PIN Photodiode

Picture	Part No.	Photosurface (mm)	Response Wavelength (nm)	Responsivity (mA/mW@nm)	Dark Current (nA@V)	Capacitance (pF@V)	Rise Time (ns@V) RL=50 Ω
	PD3002-1	Φ0.3	800 to 1700	0.85@1310 0.9@1550	0.002@0 0.02@-5	900@0 5@-5	0.8@-5
	PD3002-2	Φ0.4	800 to 1700	0.85@1310 0.9@1550	0.002@0 0.03@-5	950@0 5.2@-5	0.8@-5
	PD3002-3	Φ0.5	800 to 1700	0.85@1310 0.9@1550	0.003@0 0.035@-5	1000@0 19@-5	3@-5
	PD3002-4	Φ1	800 to 1700	0.85@1310 0.9@1550	0.1@0 1@-5	1200@0 75@-5	10@-5
	PD3002-5	Φ2	800 to 1700	0.85@1310 0.9@1550	0.7@0 2@-5	1500@0 300@-5	40@-5
	PD3002-6	Φ3	800 to 1700	0.85@1310 0.9@1550	1.5@0 7@-5	2000@0 1000@-5	120@-5
	PD3002-7	3x4	800 to 1700	0.85@1310 0.9@1550	1.2@0 10@-5	3000@0 900@-5	10@-5
	PD3002-8	Φ5	800 to 1700	0.85@1310 0.9@1550	0.1@0 3@-5	4000@0 1000@-5	150@-5

■ The typical Responsivity curve of 800-1700nm PIN Photodiode



Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

- 1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
- 2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.