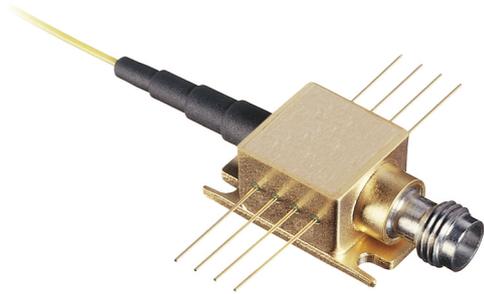




HIGH-SPEED PHOTODIODES

MACOM offers a choice of high bandwidth PIN photodiodes. The proprietary, semiconductor diodes design optimizes speed, sensitivity and low polarization dependence across wide wavelengths, while the internal, ceramic waveguide design assures a clean pulse response necessary for low group-delay and an accurate response.



Highlights:

- High bandwidth, up to 70 GHz
- Broad wavelength, from 700-1650 nm
- High responsivity, up to 0.9 A/W
- Compact packages

Description	Wavelength (nm)	Bandwidth (GHz)	Responsivity (A/W)	Conversion Gain (V/W)	Fiber Diameter (μm)
DGM-15xr	700-1650	18	0.8	15	62.5
DGM-32xr	800-1650	28	0.77	16	62.5
P-18A	1200-1650	20	0.9	22.5	9
P-40HPA	1200-1650	40	0.65	16	9
P-50A	1200-1650	50	0.5	12.5	9
P-50C	1200-1650	50	0.8	20	9
P-70A	1200-1650	70	0.5	12.5	9

For additional information and/or data sheets contact MorePhotonics