



MACOM offers a choice of instrument-style products packaged in a compact, easy to use case. The detectors include a MACOM PIN with RF connector, power supply and photocurrent monitor. The receivers integrate MACOM PIN or APD with an amplifier. Designed with R&D applications in mind, it is ideal for lab applications and can be attached to most diagnostic instruments to provide optical capability.

Highlights:

- High bandwidth, up to 40 GHz
- Broad wavelength, from 700-1650 nm
- High conversion gain, up to 3500 V/W
- Self-contained, easy to use

Description	Type	Wavelength (nm)	Bandwidth (GHz)	Sensitivity (dBm)	Responsivity (A/W)	Conversion Gain (V/W)	Fiber Diameter (µm)
AD-40APDir	APD+TIA	1250-1650	12	-27	0.8	3500	9
AD-40xr	APD+TIA	700-1650	12	-19	1.0	400	62.5
DG-15ir	PIN	1200-1650	20	-	0.6	15	9
D-32xr	PIN	800-1650	28	-	0.77	32	62.5
DG-32xr	PIN	800-1650	28	-	0.77	16	62.5
D-8ir	PIN	1200-1650	40	-	0.7	17.5	9

For additional information and/or data sheets contact MorePhotonics