

Telecom Product Data

Photodiodes

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Capacitance (fF)
APD2.5A	3.3	1200-1600	-36	0.9	375
APD10B	12	1250-1650	-28.5	0.8	140
APD28A	21	1250-1650	-20	0.8	100
BSP28A	30	1200-1650	n/a	0.88	60
BSP28QA	30	1200-1650	n/a	0.88	80
FSP28QA	30	1200-1650	n/a	0.6	60

Coherent Receivers

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (V/W)
CR-40A	7.5	XC or XL	n/a	0.07	88
CR-100A	18	XC or XL	n/a	0.07	80
CR-100D	20	XC or XL	n/a	0.07	350
CR-100D/VOA	20	XC or XL	n/a	0.07	350
CR-100E (Gen 1.2)	20	XC or XL	n/a	0.07	350
CR-100F (Gen 2.0)	20	XC or XL	n/a	0.07	350

28G PIN Based Receivers

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (V/W)
PT-28B	35	800-1650	n/a	0.50 @ 850 nm	145
PT-28D	21	1200-1650	n/a	0.80 @ 1550 nm	1600
PT-28E	30	1200-1650	n/a	0.78 @ 1550 nm	1900

40G PIN Based Receivers

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (V/W)
PT-40G	35	1200-1650	-11	0.65	4200

Baranced Receivers

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (V/W)
BR-40D	35	1200-1650	-13	0.65	2600
BR-20D	17	1200-1650	-11	0.92	3500

10G APD Receivers

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (A/W)
AT-10SFA	8.5	1250-1650	-28	0.8	1240
AT-10SFE	9	1250-1650	-28	0.8	1100
AT-10SFH	10	1250-1650	-28	0.8	670
AT-12A	10	1250-1650	-27	0.8	380

10G PIN Based Receivers

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (V/W)
PT-10SFA	8.5	1200-1650	-20	1	700
PT-10SFE	8.5	1200-1650	-21	1	1400
PT-12A	10	1200-1650	-20	1	475
PT-12B	9.5	750-1650	-20	0.55	450
PT-15SFA	12.5	1200-1650	-16.5	0.75	700

Detectors

Model	Bandwidth (GHz)	Wavelength (nm)	Sensitivity (dBm)	Responsivity (A/W)	Gain (V/W)
P-15B	12	1200-1650	n/a	1	n/a
P-15C	12	1200-1650	n/a	1	n/a
P-18A	19	1200-1650	n/a	0.9	n/a
P-20A	14	1200-1650	n/a	1	n/a
P-40A	40	1200-1650	n/a	0.65	n/a
P-40HPA	40	1200-1650	n/a	0.65	n/a
P-50A	50	1200-1650	n/a	0.5	n/a
P-70A	70	1200-1650	n/a	0.5	n/a