



Standard Parabolic Antennas, SP Series

- Dual Polarized

Electrical Specifications (Typical Performance)

Model Number	Frequency, GHz	Polarization	Gain dBi (nominal)	Beamwidth -3dB	X-Pol. Rejection, dB	F/B Ratio dB	VSWR, Max (R.L., dB)
2.4 - 2.7 GHz Range							
SPD2-2.4	2.40-2.70	Dual	21.1	14.0	28	28	1.5:1 (14.0)
SPD2-2.4	2.40-2.70	Dual	24.1	9.5	30	30	1.5:1 (14.0)
SPD2-2.4	2.40-2.70	Dual	27.0	7.3	30	34	1.5:1 (14.0)
SPD2-2.4	2.40-2.70	Dual	30.1	4.8	30	38	1.5:1 (14.0)
SPD2-2.4	2.40-2.70	Dual	32.5	3.6	30	39	1.5:1 (14.0)
3.3 - 3.6 GHz Range*							
SPD2-3.5NS	3.3-3.6*	Dual	24.2	10.0	28	32	1.5:1 (14.0)
SPD2-3.5NS	3.3-3.6*	Dual	27.7	8.0	30	34	1.5:1 (14.0)
SPD2-3.5NS	3.3-3.6*	Dual	30.2	5.0	30	38	1.5:1 (14.0)
SPD2-3.5NS	3.3-3.6*	Dual	33.8	3.3	30	40	1.5:1 (14.0)
SPD2-3.5NS	3.3-3.6*	Dual	36.3	2.5	30	43	1.5:1 (14.0)
4.4 - 5.0 GHz Range							
SPD2-4.7	4.4-5.0	Dual	26.6	7.1	28	34	1.5:1 (14.0)
HPD2-4.7	4.4-5.0	Dual	26.4	7.1	28	48	1.5:1 (14.0)
SPD3-4.7	4.4-5.0	Dual	30.0	4.7	30	37	1.5:1 (14.0)
HPD3-4.7	4.4-5.0	Dual	29.8	4.7	30	52	1.5:1 (14.0)
SPD4-4.7	4.4-5.0	Dual	32.6	3.6	30	40	1.5:1 (14.0)
HPD4-4.7	4.4-5.0	Dual	32.4	3.6	30	54	1.5:1 (14.0)
SPD6-4.7	4.4-5.0	Dual	35.6	2.6	30	43	1.5:1 (14.0)
HPD6-4.7	4.4-5.0	Dual	35.4	2.6	30	57	1.5:1 (14.0)
SPD8-4.7	4.4-5.0	Dual	39.0	1.6	30	46	1.5:1 (14.0)
HPD8-4.7	4.4-5.0	Dual	38.8	1.6	30	61	1.5:1 (14.0)
5.25 - 5.85 GHz Range							
SPD2-5.7	5.25-5.85	Dual	29.0	6.2	30	38	1.5:1 (14.0)
HPD2-5.7	5.25-5.85	Dual	28.8	6.1	28	44	1.5:1 (14.0)
SPD3-5.7	5.25-5.85	Dual	32.5	4.2	30	40	1.5:1 (14.0)
HPD3-5.7	5.25-5.85	Plane	32.3	4.2	30	46	1.4:1 (15.5)
SPD4-5.7	5.25-5.85	Dual	34.9	3.1	30	44	1.5:1 (14.0)
HPD4-5.7	5.25-5.85	Dual	34.7	3.0	30	49	1.5:1 (14.0)
SPD6-5.7	5.25-5.85	Dual	37.9	2.1	30	46	1.5:1 (14.0)
HPD6-5.7	5.25-5.85	Plane	37.7	2.0	30	52	1.4:1 (15.5)
SPD8-5.7	5.25-5.85	Dual	40.9	1.6	30	52	1.5:1 (14.0)
HPD8-5.7	5.25-5.85	Plane	40.7	1.5	30	55	1.4:1 (15.5)

High Performance Discriminator™

Low Side Lobe Design

23,26,28,31,38,60 & 80 GHz Bands

Key Features:

- Antenna Diameter: 12" square
- 23 GHz Version FCC Category A
- Windloads: Survival- 125mph (210 km/h)
- Low side lobe design, typically -23 dB
- Lightweight and rugged design, easily installed
- Radio Mounting kits available to integrate with major OEM ratios
- Standard antenna mount provides fine adjustment for both azimuth and elevation
- Accommodates a 2.25 in. to 4.5 in. diameter pipe.
- Five Year Warranty