

DIAMETERS, WEIGHTS AND ELECTRICAL SPECIFICATIONS: STANDARD PARABOLIC ANTENNAS AND RADOMES

STANDARD PARABOLIC ANTENNAS - DUAL POLARIZED

ANTENNA DIAMETERS AND WEIGHTS:

1 ft	(30 cm)	- 15 lbs. (6.8 kg)
2 ft	(60 cm)	- 22 lbs. (9.9 kg)
3 ft	(90 cm)	- 35 lbs. (15.8 kg)
4 ft	(120 cm)	- 60 lbs. (27.0 kg)
6 ft	(180 cm)	- 90 lbs. (40.5 kg)
8 ft	(240 cm)	- 250 lbs (112.5 kg)



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)
SPD3-2.4	2.40 - 2.70	Dual	24.1	9.5	30	30	1.5:1 (14.0)
SPD4-2.4	2.40 - 2.70	Dual	27.0	7.3	30	34	1.5:1 (14.0)
SPD6-2.4	2.40 - 2.70	Dual	30.1	4.8	30	38	1.5:1 (14.0)
SPD8-2.4	2.40 - 2.70	Dual	32.5	3.6	30	39	1.5:1 (14.0)
5.25 - 5.85 GHz Range							
SPD2-5.2	5.25 - 5.85	Dual	28.1	6.2	28	38	1.5:1 (14.0)
SPD3-5.2	5.25 - 5.85	Dual	31.1	4.2	30	40	1.5:1 (14.0)
SPD4-5.2	5.25 - 5.85	Dual	34.4	3.1	30	44	1.5:1 (14.0)
SPD6-5.2	5.25 - 5.85	Dual	37.5	2.1	30	46	1.5:1 (14.0)
SPD8-5.2	5.25 - 5.85	Dual	39.7	1.6	30	52	1.5:1 (14.0)

All specifications subject to change without notice.

RADOMES

RADOME DIAMETERS AND WEIGHTS:

2 ft	(60 cm)	- 4 lbs. (1.8 kg)
3 ft	(90 cm)	- 8 lbs. (3.6 kg)
4 ft	(120 cm)	- 20 lbs. (9.0 kg)
6 ft	(180 cm)	- 30 lbs. (13.5 kg)
8 ft	(240 cm)	- 70 lbs. (31.5 kg)



ELECTRICAL SPECIFICATIONS (typical performance)

Model Number	Diameter ft. (cm)	Attenuation		Add to antenna VSWR, Max	
		2 GHz	5 GHz	2 GHz	5 GHz
RD2	2 (60)	0.2	0.4	0.02	0.04
RD3	3 (90)	0.2	0.4	0.02	0.04
RD4	4 (120)	0.2	0.4	0.02	0.04
RD6*	6 (180)	0.2	0.4	0.02	0.04
RD8*	8 (240)	0.2	0.4	0.02	0.04

*Consult factory for availability