

7 GHz (7.125 - 7.750) STANDARD PARABOLIC ANTENNAS

FEATURES

- **Antenna diameters**
 - 2' (60 cm)
 - 3' (90 cm)
 - 4' (120 cm)
 - 6' (180 cm)
- **Antenna weights**
 - 2' 22 lbs. (9.9 kg)
 - 3' 35 lbs. (15.8 kg)
 - 4' 60 lbs. (27.0 kg)
 - 6' 95 lbs. (42.8 kg)
- **SP models:** standard parabolic plane polarized
- **SPD models:** dual polarized
- **IEC or EIA flanges available**
- **Direct mounting** for RF units available
- **Ease of installation:** antennas shipped completely assembled, minimal mount required
- **Optional molded radomes.** Radomes shipped factory installed, except 6' model
- **Rugged and lightweight** cast aluminum mount with fine adjustment for both azimuth and elevation
- **Standard white;** other colors and/or logos available on request
- **Corrosive resistant:** mount materials are coated aluminum, hot dipped galvanized steel and stainless steel
- **Three year warranty**



7.125 – 7.750 GHz ELECTRICAL SPECIFICATIONS (typical performance)*

Model Number	Diameter ft (cm)	Gain, dBi			Beamwidth Degrees, 3dB	X Pol. Disc., dB	F/B Ratio dB	VSWR Max. (R.L., dB)
		Low	Mid	High				
Plane Polarized								
SP2-7	2 (60)	30.3	30.7	31.1	4.6	30	39	1.4:1 (15.5)
SP3-7	3 (90)	33.7	33.9	34.4	3.0	30	43	1.4:1 (15.5)
SP4-7	4 (120)	36.3	36.7	37.1	2.3	30	46	1.4:1 (15.5)
SP6-7	6 (180)	39.3	39.5	40.0	1.5	30	49	1.4:1 (15.5)
Dual Polarized								
SPD2-7	2 (60)	30.1	30.5	30.9	4.6	30	39	1.4:1 (15.5)
SPD3-7	3 (90)	33.5	33.7	34.2	3.0	30	43	1.4:1 (15.5)
SPD4-7	4 (120)	36.1	36.5	36.9	2.3	30	46	1.4:1 (15.5)
SPD6-7	6 (180)	39.1	39.3	39.8	1.5	30	49	1.4:1 (15.5)

* All specifications subject to change without notice.
For regulatory compliances, contact Radio Waves.