

10 GHz (10.5 - 10.7) 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:** coated aluminum, hot dipped galvanized steel and stainless steel
- **Three year warranty**



10.5 - 10.7 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								
SP2-10	2 (60)	33.2	33.5	33.6	3.5	30	42	1.4:1 (15.5)
SP3-10	3 (90)	36.7	36.8	36.9	2.4	30	45	1.4:1 (15.5)
SP4-10	4 (120)	39.2	39.3	39.4	1.8	30	48	1.4:1 (15.5)
SP6-10	6 (180)	42.3	42.4	42.5	1.1	30	51	1.4:1 (15.5)
Dual Polarized								
SPD2-10	2 (60)	33.0	33.3	33.4	3.5	30	42	1.4:1 (15.5)
SPD3-10	3 (90)	36.5	36.6	36.7	2.4	30	45	1.4:1 (15.5)
SPD4-10	4 (120)	39.0	39.1	39.2	1.8	30	48	1.4:1 (15.5)
SPD6-10	6 (180)	42.1	42.2	42.3	1.1	30	51	1.4:1 (15.5)

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