

# 8 GHz (7.750-8.500) 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 on 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**



## 7.750 - 8.500 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				
<b>Plane Polarized</b>								
SP2-8	2 (60)	30.4	31.0	31.6	4.5	30	40	1.4:1 (15.5)
SP3-8	3 (90)	33.9	34.5	35.1	3.0	30	43	1.4:1 (15.5)
SP4-8	4 (120)	36.4	37.0	37.6	2.3	30	46	1.4:1 (15.5)
SP6-8	6 (180)	39.5	40.1	40.7	1.4	30	49	1.4:1 (15.5)
<b>Dual Polarized</b>								
SPD2-8	2 (60)	30.2	30.8	31.4	4.5	30	40	1.4:1 (15.5)
SPD3-8	3 (90)	33.7	34.3	34.9	3.0	30	43	1.4:1 (15.5)
SPD4-8	4 (120)	36.2	36.8	37.4	2.3	30	46	1.4:1 (15.5)
SPD6-8	6 (180)	39.3	39.1	40.5	1.4	30	49	1.4:1 (15.5)

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