

# 23 GHz (21.2 - 23.6) STANDARD PARABOLIC ANTENNAS

## FEATURES

- **Antenna diameters**
  - 2' (60 cm)
  - 3' (90 cm)
  - 4' (120 cm)
- **Antenna weights**
  - 2' 22 lbs. (9.9 kg)
  - 3' 35 lbs. (15.8 kg)
  - 4' 60 lbs. (27.0 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.
- **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**



## 21.2 - 23.6 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>								
SP2-23	2 (60)	39.7	40.2	40.7	1.7	30	49	1.4:1 (15.5)
SP3-23	3 (90)	43.2	43.7	44.2	1.1	30	52	1.4:1 (15.5)
SP4-23	4 (120)	45.7	46.2	46.6	0.8	30	54	1.4:1 (15.5)
<b>Dual Polarized</b>								
SPD2-23	2 (60)	39.5	40.0	40.5	1.7	30	49	1.4:1 (15.5)
SPD3-23	3 (90)	43.0	43.5	44.0	1.1	30	52	1.4:1 (15.5)
SPD4-23	4 (120)	45.5	46.0	46.4	0.8	30	54	1.4:1 (15.5)

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