



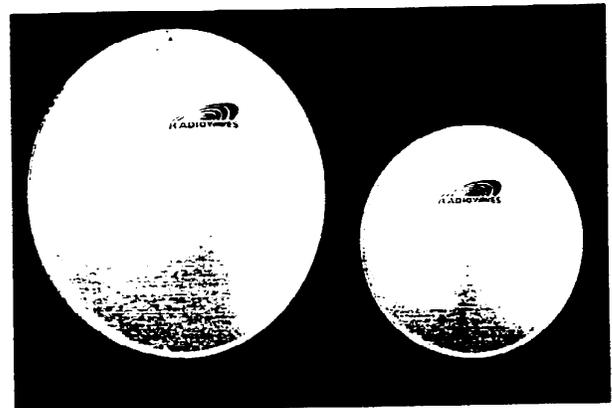
Radio Waves, Inc • 267 Boston Road • Billerica, MA 01862 USA

2.4 GHz (2.3-2.5) & 5.8 GHz (5.725-5.850)

Dual band, Standard Parabolic Antenna

Key Features:

- **Antenna diameters**
 - 1' (30 cm)
 - 2' (60 cm)
 - 3' (90 cm)
 - 4' (120 cm)
- **Antenna weights**
 - 1'-15 lbs. (6.8 kg)
 - 2'-22 lbs. (9.9 kg)
 - 3'-35 lbs. (18.0 kg)
 - 4'-50 lbs. (22.5 kg)
- **Connector interface:** Type "N" female.
- **Ease of installation:** Antennas shipped completely assembled, mount requires minimal assembly.
- **Optional molded radomes.** Radomes shipped factory installed. Standard on 1-ft model.
- **Left or Right pole mountable.**
- **Rugged and lightweight** cast aluminum mounts with and without fine adjustment.
- **Standard white:** other colors and / or logos available on request.
- **Corrosion resistant:** All materials are of coated aluminum hot dipped galvanized steel and stainless steel (300 series).
- **Three year warranty.**



Electrical Characteristics. (Typical Performances)

Frequency (GHz)	Model Number	Diameter ft. (cm)	Gain dBi (dBd)	Beamwidth degrees (dB)	Side Lob. DBc (dB)	VSWR Ratio (dB)	VSWR Max. (dB)
Single Polarized							
2.3-2.5 & 5.725-5.850	SP1-2/5	1, (30)	14.0	28.2	26	25	1.50:1 (14.0)
			23.3	11.8		32	1.50:1 (14.0)
2.3-2.5 & 5.725-5.850	SP2-2/5	2, (60)	21.1	14.0	28	28	1.40:1 (15.5)
			28.3	6.0		36	1.35:1 (16.5)
2.3-2.5 & 5.725-5.850	SP3-2/5	3, (90)	24.1	9.5	30	30	1.40:1 (15.5)
			31.4	4.0		38	1.35:1 (16.5)
2.3-2.5 & 5.725-5.850	SP4-2/5	4, (120)	27.0	7.3	30	34	1.40:1 (15.5)
			34.6	2.9		42	1.35:1 (16.5)