



7 GHz (7.125 - 7.750) HIGH-PERFORMANCE MICROWAVE ANTENNAS

FEATURES

- **Antenna diameters**
 - 2' (60 cm)
 - 3' (90 cm)
 - 4' (120 cm)
 - 6' (180 cm)
- **Antenna weights**
 - 2' 27 lbs. (12.2 kg)
 - 3' 50 lbs. (22.5 kg)
 - 4' 85 lbs. (38.3 kg)
 - 6' 120 lbs. (54.0 kg)
- **HP models**; high-performance, plane polarized
- **HPD models**: dual polarized
- **IEC or EIA flanges available**
- **Direct mounting** for RF units available
- **Ease of installation**: antennas shipped completely assembled, minimal mount required
- **Planar radomes** standard with high-performance model
- **Rugged and lightweight** cast aluminum mount with fine adjustment for both azimuth and elevation
- **Compact size**, due to Radio Waves innovative feed design
- **Standard white**; other colors and/or logos available on request
- **Corrosive resistant**; 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								
HP2-7	2 (60)	30.3	30.7	31.1	4.6	30	58	1.4:1 (15.5)
HP3-7	3 (90)	33.7	33.9	34.4	3.0	30	61	1.4:1 (15.5)
HP4-7	4 (120)	36.3	36.7	37.1	2.3	30	64	1.4:1 (15.5)
HP6-7	6 (180)	39.5	39.9	40.3	1.5	30	67	1.4:1 (15.5)
Dual Polarized								
HPD2-7	2 (60)	30.1	30.5	30.9	4.6	30	58	1.4:1 (15.5)
HPD3-7	3 (90)	33.5	33.7	34.2	3.0	30	61	1.4:1 (15.5)
HPD4-7	4 (120)	36.1	36.5	36.9	2.3	30	64	1.4:1 (15.5)
HPD6-7	6 (180)	39.3	39.7	40.1	1.5	30	67	1.4:1 (15.5)

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