



8 GHz (7.750-8.50) 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**



7.750 - 8.50 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								
HP2-8	2 (60)	30.4	31.0	31.6	4.5	30	59	1.4:1 (15.5)
HP3-8	3 (90)	33.9	34.5	35.1	3.0	30	62	1.4:1 (15.5)
HP4-8	4 (120)	36.4	37.0	37.6	2.3	30	65	1.4:1 (15.5)
HP6-8	6 (180)	39.9	40.3	40.8	1.4	30	68	1.4:1 (15.5)
Dual Polarized								
HPD2-8	2 (60)	30.2	30.8	31.4	4.5	30	59	1.4:1 (15.5)
HPD3-8	3 (90)	33.7	34.3	34.9	3.0	30	62	1.4:1 (15.5)
HPD4-8	4 (120)	36.2	36.8	37.4	2.3	30	65	1.4:1 (15.5)
HPD6-8	6 (180)	39.5	40.1	40.6	1.4	30	68	1.4:1 (15.5)

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