



# 26 GHz (24.25 - 26.50) HIGH-PERFORMANCE MICROWAVE ANTENNAS

## FEATURES

- **Antenna diameters;**
  - 1' (30 cm)
  - 1.5' (45 cm)
  - 2' (60 cm)
  - 3' (90 cm)
- **Antenna weights**
  - 1' 17 lbs. (7.7 kg)
  - 1.5' 19 lbs. (8.6 kg)
  - 2' 27 lbs. (12.2 kg)
  - 3' 50 lbs. (22.5 kg)
- **HP models:** high-performance, plain 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**



## 24.25 - 26.50 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				
<b>Plane Polarized</b>								
HPLP1-26	1 (30)	35.7	36.1	36.5	2.6	30	55	1.4:1 (15.5)
HPLP1.5-26	1.5 (45)	38.2	38.6	39.0	2.0	30	55	1.4:1 (15.5)
HP2-26	2 (60)	40.7	41.1	41.5	1.4	30	69	1.4:1 (15.5)
HP3-26	3 (90)	44.2	44.6	45.0	1.0	30	72	1.4:1 (15.5)
<b>Dual Polarized</b>								
HPLPD1-26	1 (30)	35.5	35.9	36.3	2.6	30	55	1.4:1 (15.5)
HPLPD1.5-26	1.5 (45)	38.0	38.4	38.8	2.0	30	55	1.4:1 (15.5)
HPD2-26	2 (60)	40.5	40.9	41.3	1.4	30	69	1.4:1 (15.5)
HPD3-26	3 (90)	44.0	44.4	44.8	1.0	30	72	1.4:1 (15.5)

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